

# KELLUM HO

Dorchester, MA

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Creative full-stack web developer dedicated to building and designing the front-end and back-end of websites and software applications. Experience in test requirements gathering, design and development of test strategies. Self-disciplined, highly organized professional with the ability to thrive in high-paced, deadline-driven environments, with outstanding presentation and communication skills. Highly attentive to detail and has a strong ability to work well as a team member and leader with an exceptional work ethic.

## SELECTED HIGHLIGHTS

- Worked on strategic initiatives on technology selection, developed prototypes, research and development and process improvement efficiency by 35%.
- Analyzed, wrote, built, modified, tested, and deployed responsive web applications.
- Worked collaboratively with clients and in-house agency teams to provide rapid, robust and client-acclaimed front and back-end web development optimizing user experiences.
- Developed API services for SmartTruckRoute, internal applications, and clients.
- Utilized extensive technical skills to play a key role in manual testing Math 180 program components.
- Planned, developed and executed software test cases and scenarios to ensure software met functional requirements.

## CORE COMPETENCIES

- |                                   |                                   |                        |
|-----------------------------------|-----------------------------------|------------------------|
| ▪ Web3/JS/React/HTML/CSS coding   | ▪ Server-side and back-end coding | ▪ Project Management   |
| ▪ Application Architecture Design | ▪ Problem-solving skills          | ▪ Communication skills |
| ▪ Software/System Testing         | ▪ Quality Assurance               | ▪ Relational Databases |
| ▪ Payment Gateways                | ▪ Web Servers                     | ▪ API Services         |

## EDUCATION

### Suffolk University, Boston, MA: 2012

*Bachelor of Science – Computer Science*

- **Relevant Coursework:** Programming for the World Wide Web, Game Programming, Computer Science, Data Structures & Algorithms, Object Oriented Programming, Organization of Programming Languages, Software Engineering, Architecture of Computer Systems, Operating Systems, Intro to Database Systems
- **Relevant Projects:** Disks – Developed server code for a multiplayer online video game, which consisted of a server and a number of game clients. The server allowed players to login, compete and transmit messages while clients had non-resizable black windows and a wait for user to receive a ready notice for the game. When all players were ready, the game began, with each click in the client's window creating a circle centered on the click. If a new disk intersected with any disks, all opponent disks were removed. The game lasted for one minute and the player whose disks covered the largest area of the window won.

## PROFESSIONAL EXPERIENCE

### Teletype GPS ✦ Boston, MA ✦ 2017-Present Maps Technician/Senior Full-Stack Developer

- Mentored junior members of the team, overseeing development work efforts and quality.
- Worked on strategic initiatives on technology selection, developed prototypes, research and development and process improvement efficiency by 35%.
- Analyzed, wrote, built, modified, tested, and deployed responsive web applications.
- Worked collaboratively with clients and in-house agency teams to provide rapid, robust and client-acclaimed front

and back-end web development optimizing user experiences.

- Developed API services for SmartTruckRoute, internal applications, and clients.
- Developed strategic technical plans for the SQL database and the automation of various in-house system processes.
- Responsible for installation, configuration, management and maintenance of Web Servers.

### **The Kraft Group ✦ Foxborough, MA ✦ 2015**

#### **Retail Receiving Associate**

- Completed all processing and receiving activities in accordance with productivity standards/timelines.
- Responsible for Patriots ProShop inventory that comes in and out of Warehouse.
- Inspected all merchandise for damage and discrepancies with paperwork.
- Participated in shipments verification, products organization, and general merchandise preparation.

### **Scholastic Education ✦ Watertown, MA ✦ 2013 – 2014**

#### **Quality Assurance Engineer**

- Utilized extensive technical skills to play a key role in manual testing Math 180 program components.
- Planned, developed and executed software test cases and scenarios to ensure software met functional requirements.
- Proficiently performed unit, system, user acceptance, smoke, exploratory, ad-hoc and regression testing.
- Collaborated closely with developers and producers to ensure quality testing while maintaining product requirements, including daily ScrumDo meetings and constant communication through email.
- Reported and diagnosed errors and bugs in a timely manner.

### **INDEPENDENT PROJECTS**

#### **iOS Developer ✦ 2014 – 2016**

- Used native Objective-C, Xcode, C#, and Unity to develop state-of-the-art mobile applications for iOS.
- Involved at every project phase, from concept creation to app store deployment.
- Responsible for general maintenance of application library and debugging.
- Tested applications on device simulators and actual devices to fine-tune projects.
- **Daily Anime Quotes: 2014 – 2016**  
Application that provides daily Anime quotes that are inspirational, enlightening, motivational, or bring feelings of nostalgia.
- **Are You a Lucker?: 2014**  
This is a game where you test your luck as a frog against the deadly lily pads.
- **Swing Eagles: 2014**  
This is a Swing Copters inspired game where you fly as an eagle as high as you can without hitting the structures or sides.
- **Flappy Eagles – Freedom and Justice: 2015**  
This is a Flappy Bird inspired game where you fly as an eagle as far as you can without hitting the pipes.
- **Daily Korean Drama Quotes: 2016**  
Application that provides daily Korean drama quotes that are inspirational, enlightening, motivational, or bring feelings of nostalgia.

#### **Pokemon Go Tasks Automation - SimpleGUI ✦ 2016**

- Contributed to the development and enhancement of the Pokemon Go Tasks Automation's open-source Github project.
- Involved with the Pokemon List feature, which lists out all the Pokemon within your inventory – as well as the ability to Transfer and Power-Up your Pokemon.
- Developed several new features of the Pokemon List including Sorting (Ascending and Descending for CP, Name, IV, index, and most recent) and Search (Pokemon names, indexes, types, and nicknames).
- Analyzed and optimized performances of Pokemon List loading times, Transfers, and Power-Ups.

- Performed various code and UI improvements and bug fixes.

**Decentralized Web 3.0 app on Solana - GIF Portal ✦ 2021 - 2021**

- Used React, Rust, Anchor, and Phantom Wallet to develop application on the Solana Blockchain Network.
- This is a GIF portal that allows users to connect their crypto wallets and share their favorite GIFs.

TECHNICAL SKILLS	
<b>APPLICATIONS</b>	Microsoft Office (Word, Excel, PowerPoint, Outlook), ScrumDo, Jira, Confluence, Backlog, HP Application Lifecycle Management
<b>FRAMEWORKS</b>	React, Vue
<b>DATABASES</b>	MySQL
<b>EMAIL SYSTEM</b>	Microsoft Exchange 2003/2010
<b>HARDWARE</b>	LAN, Desktops, Laptops, Network Cards, Memory, Printers, Scanners, Other peripherals
<b>METHODOLOGIES</b>	Agile, Scrum
<b>MOBILE</b>	Android, iOS
<b>OPERATING SYSTEMS/PLATFORMS</b>	Windows XP/Vista/7/Linux
<b>PAYMENT GATEWAYS</b>	Authorize.Net
<b>PROGRAMMING LANGUAGES</b>	C, C++, C#, Objective-C, Python, SQL, HTML, CSS, PHP, JavaScript
<b>REMOTE ACCESS</b>	TeamViewer, LogMeIn
<b>VIRTUALIZATION</b>	VMware Virtualization
<b>WEB SERVER</b>	Node.js, Apache, Nginx
<b>WEBSITE TECHNOLOGY</b>	Web 3.0, HTML 5, CSS 3

ADDITIONAL CREDENTIALS	
<b>HONORS AND AWARDS</b>	<ul style="list-style-type: none"> <li>▪ President’s Award for Educational Achievement – President’s Education Awards Program, 2002</li> <li>▪ John and Abigail Adams Scholarship, 2007</li> </ul>
<b>ORGANIZATIONS</b>	<ul style="list-style-type: none"> <li>▪ Information Technology Professionals (ITP)</li> <li>▪ Developers, Engineers &amp; Techies (DET)</li> <li>▪ Global Information Technology Professionals Association (GITPA)</li> <li>▪ Information Technology Audit and Governance Group (ITAGG)</li> </ul>
<b>INTERESTS</b>	Reading, traveling, experiencing new cultures, hiking, new technologies, programming

**Detailed Professional References Available upon Request**

