Aaron Krieg

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https://github.com/aarontkrieg   https://aaronkrieg.netlify.app/

Education

Bachelor's Degree in Computer Science – Software Engineering Arizona State University, Tempe, AZ	**August 2015 – May 2020**
Associates in General Studies South Mountain Community College, Phoenix, AZ	**January 2012 – December 2019**
Associates in Arts South Mountain Community College, Phoenix, AZ	**January 2012 – May 2015**

Experience

QA Test associate   **August 2021 - Current**
Halo Infinite
- Taught to use various methodologies and guidelines for testing, writing, and submitting bugs
- Worked on multiple teams including a team that works closely with the game's tools, code, and developers

Full Stack Developer Apprenticeship   **July 2021 – Current**
Tech One
- Currently in a Java full stack program consisting of online video lectures and hands on programing experience

Customer Service Clerk   **June 2020 – August 2021**
Bashas
- Worked in a small team with dynamic roles where we worked both together and separately to achieve goals
- Worked in multiple departments as well as multiple stores within the Bashas line to provide customer service

Lead Full Stack Developer   **February 2020 – May 2020**
Iprepd IP Validator
- Created a front-end website component through express.js which allows users to validate an IP address
- Successfully implemented Google's reCAPTCHA service and various third-party APIs to validate IP addresses

Lead Full Stack Developer   **August 2019 – May 2020**
Social Media Article Visualizer
- Created a front-end website interface written in node.js which graphs connections between various articles
- Created a back-end server component to interface with a database and restrict data flow from user
- Implemented a database through Oracle which stores the information of over 600,000 articles

Projects

Face Recognition App   https://aaronkrieg.herokuapp.com
- Created a website with a separate front and back end written in JavaScript to identify human faces
- Users can register and/or sign-in and submit an image URL that will display and outline a face on the website
- Implemented a separate Postgres SQL database to store user information and login credentials

2020 Global Game Jam   https://globalgamejam.org/2020/games/de-corruption-1
DeCoruption
- Produced a turn-based grid-based game created using Unity
- Implemented a procedurally generated grid-based map that changes upon every run of the game

Programing Knowledge

Languages and Frameworks
- HTML/CSS/JS – Created web applications including Rest and Soap apps using Node.js, Express.js and React
- Python – Able to create web applications, implement APIs, and integrate databases with the use of Python
- Java – Experienced with basic programming concepts and commonly used libraries
- C/C++ - Familiar in basic concepts as well as multithreading and memory allocation
- C# - Experienced in creating and implementing APIs and creating windows forms

Development Knowledge
- Git – Proficient in pushing and pulling data as well as documenting and creating pull requests in GitHub
- SQL – Experienced in implementing backend databases through multiple frameworks
- Documentation – Experienced with scrum reports, sprints and various code-based diagrams

Certifications

General Education Certificate (South Mountain Community College)	December 2019
Coursera Python for Everybody Specialization	December 2019
CompTIA A+ Certification in Hardware Maintenance	November 2014