

Aaron Krieg

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www.linkedin.com/in/aaronkrieg

<https://github.com/aarontkrieg>

<https://aarontkrieg.github.io/Portfolio/index>

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 <i>Halo Infinite</i> <ul style="list-style-type: none">• 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	August 2021 - Current
Full Stack Developer Apprenticeship <i>Tech One</i> <ul style="list-style-type: none">• Currently in a Java full stack program consisting of online video lectures and hands on programming experience	July 2021 – Current
Customer Service Clerk <i>Bashas</i> <ul style="list-style-type: none">• 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	June 2020 – August 2021
Lead Full Stack Developer <i>lprepd IP Validator</i> <ul style="list-style-type: none">• 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	February 2020 – May 2020
Lead Full Stack Developer <i>Social Media Article Visualizer</i> <ul style="list-style-type: none">• 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	August 2019 – May 2020

Projects

Face Recognition App https://aarontkrieg.herokuapp.com <ul style="list-style-type: none">• 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 <i>DeCorruption</i> https://globalgamejam.org/2020/games/de-corruption-1 <ul style="list-style-type: none">• 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	

Programming Knowledge

Languages and Frameworks <ul style="list-style-type: none">• 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 <ul style="list-style-type: none">• 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