

Jaken Herman

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<http://www.shsu.edu/jch053>

Software Engineering student with a passion for learning and solving complex problems in the quickest, most reliable, and efficient manner possible. I'm graduating in May 2017 and actively seeking a professional software engineering job in Austin, Texas. I frequent Java or Python for most projects, however, if the project has real-time constraints, I prefer to use C or Ada. I have dabbled in iOS as well as Android development and am a full-stack web developer.

Skills

I have worked with the following technologies, concepts, or languages for at least one or more *completed* projects.

Languages

Python, Java, Ada, Swift, Objective-C, C, C++, x86 Assembly, Visual Basic

Concepts

Cryptography, Software Engineering, Data Mining, Statistics, Agile, Linear Algebra and Matrices, Data Structures, Algorithms, Database Management Systems, Virtualization, Documentation Writing, Object-Oriented Programming.

Other

Flask, NodeJS, Django, Maven, SQL, Databricks, jQuery

Professional Experience

Web Developer – Sam Houston State University [May 2015 – Current]

At Sam Houston State University, I am currently a student assistant to the web development team. In this position, I write HTML/CSS/JavaScript code when pages need creating or updating. I have worked on many projects during my time here in the webdev department, working with API calls, jQuery, Form Validation, Front-End Web development, etc.

I also am tasked with making sure our pages are accessible, are SEO optimized, and have no broken links or misspellings.

Technical Student Assistant – Sam Houston State University [January 2014 – May 2015]

As the technical student assistant for the undergraduate admissions department, I helped coordinate and implement a new CRM system for the university. I also wrote Visual Basic macros for Microsoft Excel in order to clean up data so it was readable, and useable by upper-management. I wrote SQL queries for Microsoft Access databases that were frequently used. I matched up test scores to student's applications to help management with the decision process.

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Academic Experience

Sam Houston State University – Major: Software Engineering

Majoring in Computer Science with a focus in Software Engineering. Working both individually and in groups to write readable, maintainable, and reusable code, as well as working with other technologies like databases, virtualization technologies, and more. Sam Houston State University is where I have learned most of my computer science related concepts as well as mathematics. I will be graduating in May 2017 with a B.S. in Computer Science.

University of Mary-Hardin Baylor – Major: Computer Science

At the University of Mary-Hardin Baylor I worked on completing a few of my basic courses.

Portfolio

I have projects that I have worked on available on my website at <http://www.shsu.edu/jch053>, or you can go straight to my code at <http://www.github.com/jakenherman>.