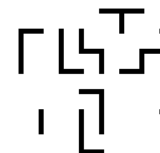


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Career Objective

Seeking an entry-level position that will allow me to apply my education in Software Engineering to building useful tools that allow people to do their work more easily and efficiently.

Education

The University of Texas at San Antonio, TX (expected graduation in May 2019)

B.S. Degree in Computer Science,
Concentration in Software Engineering

Relevant Coursework

Software Engineering	Application Programming
Adv. Software Engineering	Object Oriented Systems
Enterprise Software Engineering	User Interfaces

Significant Projects

Book Management Software. Implementing CRUD, Client-Server, Java, SQL

Multi-Form Requisition System for the City of San Antonio. System Architect/Front-End Web Development, Angular.

Convention Registration System. Front-End Web Development, AngularJS

Technology Summary

Languages: Java, Python, C, SQL

Web Applications: JavaScript, TypeScript, HTML, CSS

Frameworks: Vue, Angular, AngularJS

Creative Applications: Adobe Creative Suite, 3DS Max, Unity

Program Scripting: ActionScript, C#, Visual Basic for Applications

Operating Systems: Windows XP-10, WSL(Bash), Linux

Extended Experiences

When given free time I often find myself exploring new aspects of programming across many fields not covered much in class. It is not uncommon to find me reading articles on javascript or constantly learning new web frameworks simply to experience working in them. Among my friends whom tend more towards the creative arts, I've had the pleasure to explore many different creative programs from Animate (RIP Flash) to 3DS Max to Maya, Krita and beyond. Working with them has helped me realize that I could help them by building software that can be a direct benefit for the people simply trying to do their work more efficiently. It is through these experiences I have gained both an appreciation for and a personal understanding of what a well built tool can do for a worker or a creative trying to get their work done.

Employment Experience

PetVet Microbes (Feb.2018 - Present)

Software Engineer / Full Stack Developer. Primarily responsible for Setting up and maintaining custom code for the website as well as developing applications and systems that save and generate money. Such as my *Label Printing Software*. As a fairly new startup we needed to save money in the long term in any way we could. So I suggested and with approval developed a custom desktop Electron Application. By linking with Squarespaces Commerce API we are able to pull down the list of unfulfilled orders select which orders to print and have the system automatically mark the order fulfilled, notifying the customer when we print the shipping label. The shipping label itself is printed via Dymo's label printing framework and API to print a custom shipping label on the connected Dymo Printer. The program is extensible to future uses such as our long term plans of integrating the commerce system with Quickbooks.

Office of Technology Services at SAC (Aug.2015 - June.2016)

Work-Study/Lab Assistant, Responsible for monitoring the computer lab, helping students use the computers, checking out hardware, and teaching basic computer classes. I would occasionally automate portions of my job. While the automation tools I used weren't particularly stable they allowed me to focus on other aspects of my job instead of spending hours on end completing repetitive tasks.

TRiO Math and Science at SAC (Nov.2014 - June.2015)

Work-Study/Office Assistant. Mostly responsible for organizing and maintaining the archive of student records. One of my most significant projects involved a multi-month project to redesign and consolidate all the different forms that the students/parents had to fill out into 4 all encompassing forms. I started by going over what forms the director of the program wanted and what they wanted the forms to look like. I then scanned the old forms into PDF form and use OCR Software to pull the text off of the forms. I then recreated new forms using a custom template in Word. I'm proud to say that those forms are most likely still being used in the program as I also left TRiO with the original files.