Adam J. Miller

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Education:

Santa Clara University / Class of 2020
Major: Computer Science & Engineering

Experience:

Jr. Software Engineer at Raptor IT Consultants / Oct 2020 - Present
I focus on custom-designed websites, SEO, graphic design, and web app development for several different customers. I also help run our IT helpdesk, providing onsite or remote support via Datto RMM.

Conference Services Representative at SCU Conference Services / Summer 2019
I worked with a team of diverse students to provide support and customer service to conference guests at Santa Clara University over the summer.

Developer at uBridge.io / January 2018 - June 2019
uBridge is a networking startup looking to connect students and facilitate interdisciplinary collaboration in the university environment. My primary responsibilities on the team are designing and maintaining the front-end of the website, as well as assisting with some of the core functionality on the back-end.

Front of House Staff & House Manager at SCU·Presents / September 2018 - December 2019
My responsibilities as a member of the FOH Staff include ushering, running the box office/concession stands, and house management.

Project Coordinator Intern at Integrated Builders Group / Summer 2018
IBG is a design-build firm for credit unions. My responsibilities included assisting Project Engineers with maintaining and updating information about current projects, and creating a cost projection tool (see below).

Projects:

Truck Routing Application / September 2019 - June 2020
This application aims to provide dispatchers with a tool to route a fleet of trucks efficiently. My application seeks to provide a simple, powerful tool that can help dispatchers perform their jobs more efficiently and contribute to the reduction of fuel consumption, carbon emissions, and vehicle maintenance costs.

Cost Projection Project for Integrated Builders Group / Summer 2018
I created an Access database that ingests historical data from Excel sheets, organizes it by several parameters, and generates accurate estimates for new projects based on square footage, inflation, and location factors.

Designed a Website for Sundance Transport, Inc. / Spring 2017 - Present
I created, deployed, and currently maintain a responsive website for Sundance using the Bootstrap framework. The website features an animated logo, a secure contact form, and custom glyphicons.

Coursework:

/ Abstract Data Structures	/ Operating Systems	/ Software Engineering
/ Advanced Programming	/ Computer Architecture	/ Theory of Algorithms
/ Object Oriented Programming	/ Computer Networks	/ Web Usability
/ Intro to Embedded Systems	/ Programming Languages	/ Machine Learning
/ Intro to Logic Design	/ Compilers	/ Web Information Management

Skills:

/ Proficient with Python, HTML/CSS, Javascript, Bootstrap, Django, SEO Optimization, Linux/Ubuntu Server
/ Experience with C/C++, VBA, React, AWS, Apache, MySQL, Postgres, Google Search Console