MAXWELL KNAEFLER

Developer ~ Engineer

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SUMMARY

Third year Computer Science and Engineering student at UNR having transferred from UCLA after completing 2 years of a BS in Computer Science. Strong skills in python with an emphasis on back-end web development. Proven teamwork, communication, and management skills through 9 years of experience in the customer service industry.

SKILLS

Languages: Python, C++, SQL, HTML, CSS, Javascript, C

Technologies: RESTful APIs, JIRA, Selenium, Cucumber Framework, Gherkin, Postman, Linux, Git, Docker, Algorithm Design and Analysis, Data Structures, OOP

PROJECTS

Portfolio Site — **knaefler.com** — **github.com/mjknaefler/Portfolio-Site**
Main portfolio website built using TypeScript, CSS, JavaScript Dockerfile

Simplified Portfolio — **knaefler-simplified.com** — **github.com/mjknaefler/Portfolio-Site-Simplified**
Alternative portfolio website for ease of use built using HTML, Sass, JavaScript and Ruby

EDUCATION

Currently Pursuing — **BS in Computer Science and Engineering** — **University of Reno Nevada**
Enrolled, third year full-time student

BS in Computer Science — **University of California , Los Angeles**
Transferred, previously full-time student, two years completed

Relevant Coursework:
-CS 180: Intro to Algorithms and Complexity: Design and analysis of algorithms. Design techniques such as divide-and-conquer, greedy methods, and dynamic programming. Choice of data structures and representations. Complexity measures of algorithms such as time and space, upper and lower bounds, and NP-completeness.
-CS 35L: Software Construction: File system organization, bash commands, unix shell scripting, file construction from source, client server apps and user interfaces, package management, change management, and low-level construction and debugging.
-CS 33: Intro to Computer Organization: Computer architecture, operating systems, parallel programming, security, compilers, linux and C programming, performance optimization.
-Math 61: Discrete Structures: Mathematical logic and its application in the study of combinatorics and algorithms through counting problems and graph theory.
-CS 31-32: Intro to Computer Science 1 and 2: Data abstraction, analyzing which data structures and algorithms are most appropriate for any given problem, object oriented and generic programming

Bootcamp — **TechnoSoft**
Completed, QA Automation Engineer Course

Topics Covered:
-Javascript
-Selenium and interacting with web-elements
-REST APIs
-Automated regression testing
-Agile product management

EXPERIENCE

10/2015 – Present — **Manager/Server** — **Peg's Glorified Ham n' Eggs**

- Maintain friendly environment for both customers and employees through strong communication as well as train new employees to familiarize with company culture and procedures
- Organize and categorize inventory database through Micros using SQL