Noah Cover

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Education

University of California, Santa Cruz   Santa Cruz, CA
B.S. in Computer Science (GPA 3.65)   Sept 2017 – Present
Focus on Data Analytics and Machine Learning

• **Relevant Coursework:** Java, Computer Systems and C programing, Data Structures, Multivariable Calculus, Linear Algebra, Compiler Design, Natural Language Processing, Operation Systems, Computer Architecture, Cryptography

Technical Skills
Languages: Python, Java, C++, Javascript, HTML, CSS, Excel, Unix
Technologies: Docker, AWS, Git, Salesforce, SQL, Redis, Nginx
Frameworks: React JS, Flask

Work Experience

Sumo Logic, Inc.   Redwood City, CA
Business Intelligence Intern   June 2018 – Sept-2019

• Responsible for designing and building an in-house CRM solution.
• Developed cross-referenceable customer database leveraging Salesforce, AWS and SQL with an integrated web application for configuration and visualization of customer data.
• **Technologies utilized:** AWS Lambda, AWS Redshift, AWS EC2, Python, Docker, React JS, Redis

ProQuest   Sunnyvale, CA
Data Migration Intern   June 2017 – Sept 2017

• Responsible for customer data migration of over 5000 customers. Worked with a team of 3 interns to migrate over 120,000 data files from the company's existing data platform their latest site.
• Built file editing application that automated the metadata updates required for the migration to new platform while maintaining the old format and site preserving their clients access to their data throughout the transition period

University Computer Science Projects

Machine Learning Based Question Answering Software
• Created a program to process a large corpus of text data and then answer user-inputed questions about the given text.
• Our team was able to answer questions by using the semantic information of the text in combination with constituency parsers, regular expression and using the NLTK Wordnet API.

Technologies utilized: Python, nltk, numpy, scikitlearn

Compiler
• Wrote a compiler for a C based programming language using C++
• The compiler had 5 different modules which created a string set of the program to compiler, tokenizer, abstract syntax tree, symbol table, and then using this preprocessed data it was able to compiler into an intermediate language.

Technologies utilized: flex and bison.

Cruz Hacks 2017 – UC Sponsored Hackathon

Volunteer Experience

Creative Learning Center   Los Altos, CA
Summer Leader - Preschool and School for Autistic Children   Summer 2016

Menlo Church   Mountain View, CA
Summer Volunteer - Annual relief aid program for Africa and South America

Math Tutor   Mountain View, CA
Peer Tutor - Mountain View High School   2016-2017

Activities and Personal Interests
• Hiking/backpacking: Mt. Whitney & High Sierras, avid runner, skiing, cooking, baseball, rowing, music/concerts
• noahcover.com, created personal website with interactive resume personal interests and activities
Technologies utilized: React JS, HTML, CSS