Noah Cover

650.919.3304 | ncover@ucsc.edu | LinkedIn: noah.cover

Education

University of California, Santa Cruz Santa Cruz, CA
B.S. in Computer Science (GPA 3.7) Sept 2017 – Present
Focus on Data Analytics and Machine Learning

• **Relevant Coursework:** 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 a file editing application that automated the metadata updates required for the migration to a new platform while preserving their client's 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-inputted 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 included 5 different modules which created a string set of the program to compiler, tokenizer, abstract syntax tree, symbol table.

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 a personal website with interactive resume personal interests and activities

Technologies utilized: React JS, HTML, CSS