

Nicholas Leeds

Email: nleeds@ucsc.edu | Phone: 805-705-7607 | LinkedIn: nicholasleeds | GitHub: nleeds | Website: nleeds.github.io

Objective

Summer internship to develop and apply my computer science skills

Experience

Computer Security Project

January 2018 - March 2018

Software Developer

- Utilized Python, Bash, C, and Wireshark to automate password cracking, stack smashing, and packet capture and decryption

Amazon Discount Finder

November 2017 - December 2017

Software Developer

- Worked in a team of four using Scrum framework to create a tool to search Amazon for non-artificial deals

Python TweetBot

November 2017 - December 2017

Software Developer

- Worked in a team of two to create a Python script that tweets Reddit posts to Twitter

Operating Systems Team Project

April 2016 - June 2016

Software Developer

- Worked in a team of five to modify the scheduler, pageout daemon, and file system of the FreeBSD kernel

San Marcos High School, Santa Barbara, California

August 2014 - May 2015

Academic Mentor

- Provided physics tutoring for struggling high-school students
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Education

UC Santa Cruz, Santa Cruz, California

BS in Computer Science, expected graduation June 2019 (GPA 3.76)

Dean's Honors: Winter 2016, Spring 2016, Fall 2016, Winter 2017

Relevant Courses

- Computer Security (CMPS 122)
 - Database Systems I (CMPS 180)
 - Fundamentals of Compiler Design I (CMPS 104A)
 - Introduction to Software Engineering (CMPS 115)
 - Introduction to Python (CMPS 5P)
 - Computational Models (CMPS 130)
 - Introduction to Operating Systems (CMPS 111)
 - Computer Architecture (CMPE 110)
 - Probability and Statistics for Engineers (CMPE 107)
 - Algorithms and Abstract Data Types (CMPS 101)
 - Introduction to Data Structures (CMPS 12B)
 - Computer Systems and Assembly Language (CMPE 12)
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Skills

- C, Java, Python, SQL, Bash, C++, MIPS Assembly, Git, Bison, HTML/CSS
- Scrum framework
- Logic and critical thinking
- Calm demeanor