

Simon Koeten

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Education

Bachelor of Science in Computer Science

Colorado University, Boulder

August 2018-Expected Graduation in May 2022

GPA 3.12

Related Courses

In progress: Algorithms

Completed: Data Structures, Computer Systems, Software Development:
Methods and Tools

Academic Projects

Ski Base

- Built a website with data from ten popular mountains in Colorado
- Tracked days skiing or snowboarding throughout the season
- Installed a weather api to show the temperature, wind, and snowfall
- Collaborated with 4 others, practiced conflict resolution
- Created and integrated the database to the front end using SQL and Node.js

Computer Systems

- Completed labs: data, bomb, attack, performance, shell, and malloc
- Labs encouraged creative problem solving in assembly code
- Learned bitwise operations, floating point, and CPU core principles and architecture

Leadership Experience

Teaching Assistant (Fall 2019)

- TA for “Meaning of Information Technology”
- Lead students during meaningful discussions
- Instructed a class of 49 students in relevant current events in tech

Menlo Church (Summer 2018)

- Intern with Student Ministries
- Worked with roughly 300 high schoolers and middle schoolers
- Gained valuable experience working in a team oriented work setting
- Interacted with people of different ages, races, and beliefs

Atherton Bulldogs (Spring-Summer 2017)

- Coached fifth grade competitive basketball
- Focused on valuable teamwork and various teaching strategies
- Implemented different game plans and playing methods

Skills

Programming Languages

C++ (advanced), Java (advanced), Python (intermediate), HTML (proficient), CSS (proficient), Javascript (intermediate), PostgreSQL(intermediate)

Operating Systems

MacOS (advanced), Windows (proficient), Linux(advanced)

Interest

Ceramics, Chess, Basketball, Soccer, and Formula 1 Racing