Connor Mowry

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EDUCATION

CARNEGIE MELLON UNIVERSITY

BS in Computer Science
Expected May 2021 | Pittsburgh, PA
Cum. GPA: 3.73

COURSEWORK

(Asterisk denotes course in progress)
Algorithm Design and Analysis (15-451)
Foundations of PL (15-312)
Probability and Computing (15-259)
Intro to Computer Systems (15-213)
Data Structures and Algos (15-210)
Multidimensional Calculus (21-268)
Hype for Types (98-317)
Great Theoretical Ideas in CS (15-251)
More Great Ideas in TCS (15-252)
Intro to Functional Programming (15-150)

SKILLS

PROGRAMMING LANGUAGES

C/C++ ● Python ● OCaml ● C# ● Java
Javascript/Typescript ● HTML & CSS

TOOLS & FRAMEWORKS

Play ● Docker ● Flask
React Native ● Git ● PostgreSQL
Bootstrap ● Bash ● LaTeX ● Vim

EXPERIENCE

MICROSOFT | Software Engineer Intern
May 2018 – Aug 2018 | Pittsburgh, PA
- Implemented feature allowing IT admins to prevent users from removing or wiping corporate managed devices.

CARNEGIE MELLON UNIVERSITY | 15-210 Teaching Assistant
May 2018 – Aug 2018 | Pittsburgh, PA
- Lead recitations, held office hours, helped create new labs, and graded assignments and exams for Par and Seq Data Structures and Algos.

SOFTWARE ENGINEERING INSTITUTE | Developer Intern
May 2018 – Aug 2018 | Pittsburgh, PA
- Built from scratch a Java Play Framework web application to easily configure and monitor the security state and data of IoT devices.

ELLIANCE | Developer Intern
June 2017 – Aug 2017 | Pittsburgh, PA
- Developed Pittsburgh.net mobile application for using React Native to help the user browse and save local Pittsburgh events.

ACTIVITIES

SCOTTYLABS | Former Directory of Technology
Nov 2017 – Present
- Manage club's technical direction and oversee all technical projects.
- Gave a talk on Git covering basic usage and then taking an extensive look at branching.
- Led a workshop on back-end development at WebDevWeekend, an educational event introducing students to web dev fundamentals.
- Planned TartanHacks, Carnegie Mellon's largest hackathon of over 300 students, which is held by ScottyLabs.

DELTA TAU DELTA | Directory of Academic Affairs
Jan 2018 – Present
- Meet with struggling members to help them achieve academic success.

AC MELLON CLUB SOCCER | Goalkeeper
Sep 2017 – December 2018
- Play goalkeeper on Carnegie Mellon's nationally competitive club soccer team.
- Competed in national tournament against the best collegiate club teams in the U.S. (Dec 2018).
- Competed in regional tournament (Oct 2017).