

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)

Compiler Design (15-411)*

Discrete Mathematics (21-701)*

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 2019 – Aug 2019 | Cambridge, MA

- Implemented feature using C# and Typescript that allows IT admins to prevent users from removing or wiping corporate managed devices.

CARNEGIE MELLON UNIVERSITY | 15-210 Teaching Assistant

Jan 2019 – May 2019 | 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 using React Native to help the user browse and save local Pittsburgh events.

ACTIVITIES

SCOTTYLABS | Former Directory of Technology

Nov 2017 – Present

- Managed club's technical direction and oversaw all technical projects.
- Gave a talk on Git that covered basic usage and took 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

Sep 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).