

Connor Mowry

Last Updated on 19th August 2019

crcmowry.github.io

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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)*

Research and Innovation in CS (15-300)*

Coping with Intractability (15-859 FF)*

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)

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 allowing IT admins to prevent users from removing or wiping corporate managed devices.

CARNEGIE MELLON UNIVERSITY | Teaching Assistant

Jan 2019 – May 2019 | Pittsburgh, PA

- Led weekly recitations and office hours, co-created new labs, and graded for Data Structures and Algorithms (15-210).

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 users browse and save local Pittsburgh events.

ACTIVITIES

SCOTTYLABS | Director of Technology

Aug 2018 – May 2019

- Managed club's technical direction and oversaw all technical projects.
- Presented a seminar on Git that covered basic usage and extensively examined 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 400 students.

DELTA TAU DELTA | Director of Academic Affairs

Jan 2019 – Present

- Meet with approximately ten members per semester to help them achieve academic success.

AC MELLON CLUB SOCCER | Goalkeeper

Sep 2017 – December 2018

- Competed in regional (Oct 2017) and national (Dec 2018) tournaments.