

ALISON PARK

E: alisonpark2023@u.northwestern.edu

T: 201-427-0802

EDUCATION

Northwestern University – GPA: 3.7 | MAJOR GPA: 3.89

Computer Science, BS

Expected Graduation: Spring 2023

Skills: C/C++, Python, Javascript, Typescript, Matlab, HTML, CSS, Racket

EXPERIENCE

Software Engineer Intern – BitRipple, Inc (Summer 2022)

+ Worked with BitRipple and the Microsoft Xcloud team to develop more efficient data transfers between networks. The low latency solutions created during this internship would later be used for Microsoft's virtual reality and gaming technologies.

Student Web Developer – Adobe Inc (Spring 2022)

+ Applied and accepted into a unique Northwestern University course, COMP_SCI 394: Agile Software Development taught by Professor Christopher Riesbeck

+ Was assigned to work with Adobe's Big Data Experience Lab to create an app that allowed users to upload, understand, and interact with their very dense contract pdfs

Research Intern – Cornell's Center for Materials Research REU (Summer 2021)

+ Received a grant from the National Science Foundation to work with Professor Andrew Musser's lab at Cornell University to explore polaritons in organic materials

+ Wrote and presented a proposal on trapping light to rewire organic semiconductors and capitalize energetic efficiency with the presence of polaritons

Undergraduate Researcher – Northwestern MRSEC (Fall 2020-Spring 2021)

+ Worked with Professor James Rondinelli's lab at home institution to simulate computational models of metal-insulator transition compounds

+ Performed DFT calculations using Northwestern's high performance computing cluster (Quest Super Computer)

Art Laboratory Technician (Fall 2019-Current)

+ Work with the Art, Theory, & Practice Department at Northwestern to ensure class instruction runs smoothly. Facilitate students with wood shop and equipment training

+ Run customer service at Northwestern's local art studio, ARTica

ACTIVITIES

Mayfest Productions, Tech Team (Fall 2021-current)

+ Mayfest works to produce the largest student-run music festival in the country, known as Dillo Day and held annually at Northwestern University

+ Part of the Technology Team that designs and creates the Dillo Day website and app

+ App was successfully released on the Android and Apple App stores, reaching the #74 trending spot in the Entertainment category with over 2,000 downloads

Undergraduate Prison Education Partnership (Spring 2021-current)

+ Serving on the Events Committee to facilitate collaboration and tutoring initiatives between Northwestern undergraduates and prisoners at Stateville Correctional Center

+ Organize tutoring workshops and community fundraising events