

ROBERT PRITCHARD

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Education

- **Northwestern University, September 2021- June 2025 (expected graduation date)**
 - Computer Science B.S.
 - Major GPA 3.9 | Cumulative GPA 3.55

Work Experience

- **Software Engineer Intern, U4Ea Amgine Ink, Summer 2022 Remote**
 - Programmed color, music, and text analyzing algorithms in Python
 - Extrapolated information from uploaded images, sound files, and short paragraphs by comparing the file data to previously gathered data in the form of CSV and JSON files
 - Algorithms attempted to determine the emotional feeling of the uploaded files
 - The algorithms were integrated into a ReactJS website that has yet to be published

Relevant Coursework and Projects

- **Northwestern University Computer Science Classes**
 - Data Structures and Algorithms, *Fall 2022 (Ongoing)*
 - Human Computer Interaction, *Fall 2022 (Ongoing)*
 - Fundamentals of Computer Programming Sequence, *Spring 2022*
- **CSSI: Online Participant, Google, Summer 2021**
 - Completed an introductory project-based JavaScript curriculum taught by Google engineers
 - Delivered a collaborative final project presentation that included a live demonstration to Google employees
- **Northwestern Blockchain Group Club Member**
 - Club focused on research and development in blockchain
 - Working on a team to develop programs on the Ethereum Blockchain

Skills

- **Object-Oriented and Functional Programming**
- **Programming Languages**
 - Experienced: Python
 - Comfortable: C++, JavaScript
 - Beginner: Solidity, SQL
- **Tools**
 - Unix Shell, Git
- **Soft Skills**
 - Problem-solving
 - Adaptability
 - Communication