

Andrés Mason

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EDUCATION

Carnegie Mellon University, BLA w/ minor in **Computer Science**, Dec 2024

Relevant Coursework: Principles of Computation, Functional Programming, Designing Human Centered Software, Parallel and Sequential Data Structures and Algorithms, Computer Systems

SKILLS

Java, Python, Android Mobile Development, Android Studio, Tensorflow, MySQL, JavaScript, Machine Learning, C, C#, Figma, Frontend Web, UI Design, Prototyping, Azure Storage, AS2/EDI Pipelines

EXPERIENCE

Électricité de France (EDF)

Software Engineer (SWE) Intern, Sept 2024 - present

- Writing tool to sort/match vendor input to cloud schema

Softempower

SWE Contractor, March 2024 - May 2024

- Learned the Microsoft Azure system
- Created Electronic Data Interchange (EDI) pipeline over AS2 to automatically encode/decode different order formats, send confirmations, automatically send/backup documents

CloudFactory

Customer Research Analyst, February 2023 - May 2023

- Developed a natural language processing tool to aid in parsing sales call transcripts.

Google

SWE Intern, May 2023 - August 2023 (received return offer starting Jan 2025)

- Assigned to Auto Intelligence and Comms Team.
- Implemented new glanceable UI.
- Created new asynchronous data services for car-native Android.
- Experimented and wrote documentation for new UI test migration.

SWE Intern, May 2022 - August 2022

- Assigned to On Device Abuse Detection (ODAD) team.
- Automated generation of malware detection models on Android devices using Tensorflow with Python.
- Worked with GoogleSQL through Google's PLX data visualization service to create automated model validation workflows. Impacts *all* Google Android devices.

STEP Intern, May 2021 - August 2021

- Joined the Google News Android Team and implemented a new feature for the Google News Android app.
- Wrote a detailed design document and finished the launch review process.
- Delivered demo to hundreds of employees for evaluation.

RESEARCH

CMU AISL Lab

Research Team Member, March 2021 - May 2021

- Wrote protocol for a culturally-responsive CS curriculum for middle schoolers, targeting POC girls.