

Braeden Smith

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EDUCATION

University of Illinois at Urbana-Champaign

GPA: 3.63

Bachelor of Science in Computer Engineering

Aug. 2018 – Dec 2021

- Data Structures and Algorithms | Course Assistant (Fall 2020 - Spring 2021)
- Introduction to Electronics | Course Assistant (Fall 2019 - Spring 2020)

EXPERIENCE

Software Engineering Intern

May 2021 – Present

Microsoft

Redmond, WA (Remote)

- Worked on Azure Storage internal tooling, exposing new C#/.NET APIs around distributed task tracking.
- Developed new Angular & NgRx (TypeScript) pages to consume those APIs and offer a sophisticated UI

Software Engineering Intern

Jul 2020 – Aug 2020

Vistaprint

Boston, MA (Remote)

- Worked on multiple React.js, Redux & Gatsby front-end applications — added “pickup points” as a shipping option, improved developer experience and introduced features to a shared React component
- Contributed to multiple Java (Spring Boot) microservices centered around order management — added bug fixes, metric collection and unit testing
- Added event monitoring to front-end/back-end services and setup corresponding New Relic dashboards

Software Engineering Intern

May 2019 – Aug 2019

Castle

San Francisco, CA

- Developed a full stack web app and a serverless function to perform large credential stuffing demos — used in live demos for \$200,000+ in sales
- Created several Ruby tools which interfaced with sales APIs to collate data and verify accuracy of leads
- Contributed to an Angular project for product demos, which displayed Castle’s functionality in a SPA

Software Engineering Intern

Jul 2018 – Aug 2018

CAST Software

New York City, NY

- Developed a Jenkins plugin in Java to run after successful CI/CD which served to easily integrate CAST’s static code analysis and result upload in the build process
- Programmatically added 1500+ library/framework identifiers and associated information for Python, PHP, C#/.NET and Java, so CAST Highlight could recognize many popular libraries

Software Engineering Intern

May 2018 – Jun 2018

Zenabi Data

Westport, CT

- Worked heavily in Python using Selenium and various APIs to amass datasets for ML and NLP
- Used TensorFlow and Markov chains to create simple text generating models

PROJECTS

sms-sentiment | *Express.js, Chart.js, Tensorflow.js, Node.js*

- Full stack web application which parses uploaded SMS conversations and plots sentiment over time with TensorFlow.js or Google’s Natural Language API.

Pictionary | *Express.js, Socket.IO, TypeScript, GCP*

- A minimal real-time drawing app — generate words, create rooms, customize your brush — draw on a shared canvas with a unique game link.

Prospectus | *React.js, MySQL, Express.js, Google OAuth, GCP*

- An expert course planner which allows students to explore upcoming courses, get recommendations and visualize prerequisite graphs (CS411 final project)

SKILLS

Languages: JavaScript/TypeScript, Java, Python, C++, C, Ruby, SQL

Frameworks/Libraries: React.js, Angular, Puppeteer, Express.js, Socket.IO