

Jeff Taylor-Chang

Website: <https://jefftc.com> | Email: jeff@jefftc.com | Phone: 978-460-9599 | GitHub: [jjktc](#)

EDUCATION

University of Illinois at Urbana-Champaign

GPA: 3.81 / 4.0

- Bachelor of Science in Computer Science (James Scholar Honors, Dean's List) Aug. 2017 – May 2021
- **Relevant Courses:** Artificial Intelligence, Data Structures, Algorithms, Web Programming, Systems Programming

SKILLS

Advanced Javascript, Typescript, C, C++, Java, Python, HTML, SCSS
Proficient PHP, Ruby, Git, Agile, Jira
Frameworks React.js, React Native, Angular.js, AWS Serverless, Node.js, GraphQL

WORK EXPERIENCE

128 Technology

Burlington, MA

Software Engineering Intern

May 2019 – Aug. 2019

- Pitched and developed a React Native app to manage networks and diagnose problems including visualizing live metrics and events from a GraphQL server
- Created a predictive search tool in React to allow users to navigate the product up to 2x faster
- Built a networking package to seamlessly switch from development to production apps without App Transport Security, dramatically improving development speed for untrusted certificate endpoints

Cognition

Lexington, MA

Software Engineering Intern

May 2018 – Aug. 2018

- Designed and developed a mobile app in Ionic Angular to organize Agile teams and workflows
- Built a custom ASE / Javascript graphics library to visualize projects, relationships, and Fault Tree Analysis
- Released Atom packages to add a language parser for a proprietary programming language as well as linting, style checking, and error detecting

PROJECT HIGHLIGHTS

Overheard App – React Native Typescript | AWS Serverless JS | DynamoDB

Fall 2019

- Founder and lead developer of a social media app sponsored by a CS professor at the University of Illinois
- Intelligently serves content based on a user's location and community interests to improve interaction rates
- Monetized through native ads integrated seamlessly into map-centric content

Theta Tau App – React Native Typescript | AWS Serverless JS | DynamoDB

Summer 2019

- Developed a mobile app as the Web Chair for the Kappa chapter of Theta Tau professional engineering fraternity
- Manages data for over 90 active brothers of the largest chapter in the Midwest region

HQ Trivia Bot – C++ | Java | Swift | Objective-C

Summer 2018

- Developed a trivia bot to read HQ's web socket and accurately predicts answers using Google and Wikipedia
- Integrates with Tesseract Open Source OCR to work with similar trivia games and won over 50 games with an average accuracy above 80%, winning more than \$500

Curbspot App – Ionic Angular | PHP

Fall 2017

- Built a mobile app and server in 54 hours to rent parking spaces from private owners (Airbnb for parking)
- 2nd place finalist of the 54.io Startup Competition and grant winner, demoed for ThinkChicago

OneDay App – Ionic Angular | PHP

Spring 2016

- Designed and launched an all-in-one school scheduling app including social networking features
- Delivered schedules over 250,000 times by thousands of students, parents, and teachers for 4 years and counting

HONORS

Theta Tau Professional Engineering Fraternity – Web Chair

Project Code – Mentoring 4 teams of students learning app development

2nd Place Finalist & Grant Winner – 54.io Startup Competition

Bose Award of Excellence – Scholarship

- Demonstrated leadership skills, a dedication to community service, and embodied the pillars of Bose

Rochester Institute of Technology Innovation & Creativity Award – Scholarship

- Strong academics and a dedication to helping the community through innovative technological solutions

eNRHS – Founder and President

- Founded an organization that introduces high school students to Computer Science through project-based learning