**Ethan Cheatham**

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Fullstack developer with a long history of working on a variety of both software and hardware projects. Currently employed as a Software Development Engineer and looking to transition into a company that will cultivate development skills and allow work on complex projects within a collaborative team.

**SKILLS**

Front-end: HTML5, CSS3, SCSS, React.JS, React Native

Programming Languages: JavaScript, TypeScript, Java, C, Python

Database: MongoDB, SQL

Deployment: Heroku, Azure, AWS

**EXPERIENCE**

**Tata Consultancy Services**, Bellevue, WA Aug. 2019 – Current

Software Development Engineer

* Utilized AMPscript to pull data from databases to dynamically personalize individual emails
* Automated email delivery for various global target audiences at optimal hours with performance alerts
* Performed quality assurance work to ensure templates for generated emails contained correct content

**UNIVERSITY PROJECTS**

**Wessenger**

Android messaging and weather app designed with GitHub storyboard, collaborated with a team of four following SCRUM methodologies

* Helped team members understand the application and gave planning advice, organized project and handled merge requests and conflicts
* Designed and implemented UI for all views of the application using various layout components in Android Studio
* Developed an Express based Nodejs API to handle application data, deployed to Heroku Cloud
* Java XML JavaScript Node.js Express.js PostgreSQL Heroku Android Studio

**Alien Extraction**

JavaScript “race against the clock” game where players mine and sell resources and purchase fuel and upgrades

* Implemented a custom game loop, input handling, collision handling, animation state logic, and game logic
* Developed solo where other teams had 4 members, received 3.9/4.0 in class
* JavaScript HTML5 CSS WebStorm

**Trigram Generator**

Analyzes given input and generates a story based on the frequencies of words and contextual relation to other words

* Developed using Python lambda functions to reduce program complexity, resulted in a total of 30 lines of code

**PERSONAL PROJECTS**

**Chatee**

Planned, Designed, and Developed a feature-rich multi-platform web based mobile messaging app

* App allows users to handle friends, create chats and invite members to them. and edit profile information
* Implemented secure authentication with Auth0’s JWT node package as well as integration testing with Mocha, SuperTest, and Chai
* Generated API documentation with Swagger, deployed API to Azure App Services
* React Native TypeScript Node.js Express.js Cloudinary MongoDB Azure BootStrap SCSS

**Updog**

Social media website that allows members to message others, post content, and comment, like, or favorite posts. Members can edit their profile information, set a profile image and modify their availability status

* Front-end built with React as a single page application, deployed via Amazon Amplify
* Back-end executed with TypeScript as a Node express application deployed to Microsoft Azure App Services
* React TypeScript Node.js Express.js Cloudinary MongoDB Azure AWS BootStrap HTML5 SCSS

**EDUCATION and AWARDS**

**University of Washington** Tacoma, WA June 2019

Bachelor of Science in Computer Science

**Tacoma Community College** Tacoma, WA Aug. 2016 - Dec. 2017

Studied science, transferred credits to University of Washington

**Peninsula High School Scholarship Program** June 2016

One of three students out of 300 awarded a $3000 scholarship