ETHAN CHEATHAM

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Education

University of Washington   Graduation: August 2019
B.S. Computer Science   Tacoma, WA

Coursework: Programming Practicum, Data Structures, Algorithms, C for Systems, Machine Organization, Computer Architecture, Software Engineering, Advanced Software Engineering, Database System Design, Mobile Application Programming, Artificial Intelligence, Computational Worlds, Operating Systems

Experience

JoeFroyo LLC   Tacoma, WA
Product Ambassador | Driver   Jun 2017 - Aug 2017
- Introduced customers to Joe Froyo beverage, discussed health benefits and sold the product.
- Stocked, fueled, and maintained food truck for events during the summer.

Albertsons   Gig Harbor, WA
Bakery Clerk   Oct 2016 - Mar 2017
- Produced items as necessary, moved and ordered inventory, helped customers with questions and orders.
- Closed and cleaned the bakery most nights, responsible for preparing for next day operations.

Projects

Personal Website: ethanwc.net - see for more information

Alien Extraction - ethanwc.net/Alien-Extraction/
- Designed and implemented a web game using HTML5 and Javascript.
- Worked with custom game engine created in Javascript, everything was done Vanilla.
- Implemented collision detection and handling, animation logic and state, game model, UI layering.

Wessenger - github.com/ethanwc/Wessenger
- Developed an Android Application for messaging and viewing the weather using Agile methodology.
- Created custom schema and setup database to store user information, setup cloudinary to store images.
- Wrote several web requests to exchange and access data between user device and web service.
- Managed project via github utilizing the storyboard, assigned and created tasks, handled merges.
- Utilized Java, JavaScript, XML, NodeJS, PostgreSQL, Heroku, Cloudinary, Android Studio

Food Search - github.com/ethanwc/FoodSearch
- Created a web application that allows users to create accounts, search based on various inputs, etc.
- Added a management view that allows an owner to add a restaurant, add or remove items, change prices.
- Utilized ASP.net, C#, mySQL, Visual Studio.

Skills & Academics

Languages**:** Java, JavaScript, Python, C, Erlang, SQL, html/css
Experience with Git, Heroku Cloud Services, android application development, linux, Agile Development
Interests: Baking, robotics

Academic: Dean's list winter 2019.
Community: Member of HUSCI coding.