Zachary Chi

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education

**Texas A&M University** College Station, Texas

B.S. in Computer Science - *GPA: 3.72/4.0* August 2019 - May 2023

skills

**Languages:** C++, Python, Java, HTML, CSS, JavaScript, SQL, Haskell

**Tools and Technologies:** Git, PostgreSQL, Bootstrap, Django, Visual Studio, Excel, Figma, Make

work experience

**Amazon** Seattle, Washington

*Software Engineer Intern* May 2022 - August 2022

* Developed two bots to streamline and automate manual processes relating to tickets; Bots fetched data and posted error logs, relevant graphs of metrics, similar tickets from the past, and more
* Saved an estimated 2 hours a week per on-call for each team onboarded with my bots
* Collaborated in a team of 12 by attending standup, ops meetings, and raising code reviews
* Wrote design documents and documentation detailing the bot’s functions and how to extend them
* Worked closely with CDK, CloudWatch, IAM, Lambda, pipelines, and continuous deployment
* Created thorough unit and integration tests

**SoloStarr LLC** Katy, Texas

*Frontend Developer Intern* May 2020 - August 2020

* Designed wireframes and prototypes based on goals for the App with a team of 7 using Figma
* Implemented final layouts using Java, JavaScript, React Native, Node.js, and Android SDK
* Communicated and worked with product managers and backend developers to meet needs

**Nestlé Toll House Café** Katy, Texas

*Shift Lead/Key Holder* April 2017 - July 2019

* Mentored staff to enhance skills and achieve daily targets, using hands-on leadership

projects

**Boids -** *C++, SFML, Git*   [*GitHub Link*](https://github.com/Zachhi/FlockingBoids-Windows-Linux)

* Researched and replicated real-life fish behavior according to external factors
* Conducted rigorous backend testing to ensure both realistic and steady results

**MyConcerts -** *Python, Django, HTML5, CSS3, Bootstrap, JavaScript, SQL, Git* [*GitHub Link*](https://github.com/Zachhi/MyConcerts)

* Engineered a web application that finds concerts based on a user’s Spotify data
* Delivered with a team of 5 using Agile Development
* Hosted Scrum meetings and created sprint and product backlogs
* Implemented a database that stores and encrypts user information
* Collaborated with frontend and backend developers to discuss features and meet deadlines

**Reveille’s Reels -** *Java, SQL, PostgreSQL, Git* [*GitHub Link*](https://github.com/Zachhi/ReveillesReels)

* Created a movie recommendation application that services both clients and analysts
* Worked in a team environment of 5 using the Waterfall methodology
* Designed prototypes and entity-relationship diagrams to better understand data relationships
* Used Java, SQL, and PostgreSQL to retrieve and analyze data from an online database

LinkedIn: [*https://www.linkedin.com/in/zachchi/*](https://www.linkedin.com/in/zachchi/) GitHub:[*https://github.com/Zachhi*](https://github.com/Zachhi) Personal: [*https://zacharychi.com/*](https://zacharychi.com/)