

Zachary Chi

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EDUCATION

Texas A&M University

B.S. in Computer Science - GPA: 3.72/4.0

College Station, Texas

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

Software Engineer Intern

Seattle, Washington

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

Frontend Developer Intern

Katy, Texas

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

Shift Lead/Key Holder

Katy, Texas

April 2017 - July 2019

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

PROJECTS

Boids - C++, SFML, Git

[GitHub Link](#)

- 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](#)

- 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](#)

- 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