

Zachary Chi

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EDUCATION

Texas A&M University

B.S. in Computer Science - GPA: 3.75/4.0

College Station, Texas

August 2019 - (Expected) May 2023

SKILLS

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

Tools and Technologies: Git, PostgreSQL, Bootstrap, Django, Visual Studio, Excel, Figma, Make, Android SDK, React Native

WORK EXPERIENCE

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
- Worked successfully with a diverse group of coworkers to achieve goals using GitHub and Slack

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
- Provided efficient and cordial service, delivering a comfortable atmosphere for customers

PROJECTS

Boids - C++, SFML, Git

[GitHub Link](#)

- Researched and replicated real-life fish behavior according to external factors
- Provided an abundance of options to visualize and understand fish better
- 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

Butterfly Effect - C++, SFML, Git

[GitHub Link](#)

- Employed multimedia libraries in C++ to showcase the "Butterfly Effect" using pendulums
- Included a variety of options to present double pendulums and their chaotic nature
- Adapted and optimized multiple dynamic coloring algorithms