

# Samuel Tran

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## Education

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

**May 2020**

- Bachelor of Science in Applied Mathematics Sciences, Computational Emphasis
- Minor: Computer Science
- **Relevant Coursework:** Data Structures and Algorithm, Programming Languages, Computer Organization, Design Analysis Algorithms, Formal Languages Automaton, Discrete Structures and Computing, Introduction to Programming Design Concept

## Work Experience

**General Motors** - Austin, TX

**October 2020 – Present**

*Software Developer*

- Created services and controller commands which tracks points that are earned or redeemed by a customer's orders and interacts with JSP to display on the email order confirmation.
- Optimize webservice REST API by consolidating multiple endpoints into one call and updating the response.
- Work with cross-platform teams to develop and maintain B2B and B2C eCommerce applications.
- Audit and review Fortify security scans to identify critical issues or vulnerabilities during development.
- Engaged in an agile work environment with three-week sprints and daily standups using Azure DevOps and Microsoft Teams.

## Skills

- Python, C++, Java, HTML/CSS, Javascript, SQL, Git

## Projects

**The Dollars** – Python, Django

**June 2020**

- Produced a full-stack CRM web application for bars/clubs that includes login authentication, customer/admin profile, customer reservations, and inventory management.
- Created the application using the Django web framework, HTML, CSS and connected to AWS Postgres for database services.

**Onitama Game Engine** - Python

**June 2020**

- Replicated a two-player abstract strategy game based off a popular Japanese board game, Onitama.
- Designed and implemented graphical user interface using Python's standard GUI package, tkinter.

## Activities

**Aggie Coding Club**

**January 2020 – May 2020**

*Member*

- Attended weekly meetings and participated in interactive programming activities provided by visiting companies.

**TAMU Hackathon** (College Station, Texas)

**January 2020**

*Hacker*

- Developed a FoodieBot that recognizes food keywords from conversation inputs and outputs a list of suggested links.
- Implemented this chatbot using the Google Cloud Dialogflow API and Javascript.