

# VICTOR GUYARD

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## EDUCATION

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### Georgia Institute of Technology

August 2020 - May 2024

Bachelor of Science in Computer Science

GPA: 3.58

Relevant Coursework: Artificial Intelligence (CS 3600), Design and Analysis of Algorithms (CS 3510), Data Structures and Algorithms for Applications (CS 1332), and Database Systems (CS 4400).

## EXPERIENCE

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### Salesforce - Software Engineer Intern

June 2023 - August 2023

Atlanta, GA

- Fine-tuned a Large Language Model (LLM) for code generation within Salesforce marketing cloud.
- Processed & collected raw data from scratch for LLM tuning and testing.

### Salesforce - Software Engineer Intern

May 2022 - August 2022

Atlanta, GA

- Worked with the email campaign team of Pardot using PHP and Java.
- Delivered database optimizations, encryption, account security, and testing suites.
- Designed and implemented a new encryption schema and structure for email campaigns.

### Georgia Tech Research Institute - Software Engineer Intern

January 2022 - May 2022

Atlanta, GA

- Worked on a government-funded research project in the form of a full stack application.
- Used ReactJs, Python and Django to create new features, optimize the application, perform database operations, API creation as well as image processing.

### Georgia Tech COS – Software Developer (Student Worker)

March 2021 - April 2023

Atlanta, GA

- Academic & Research Computing Services team at the College of Sciences.
- Created and managed websites, APIs, servers, with TypeScript, Vue.js, web components, Node.js, and Drupal.

## PROJECTS

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**Watch Brand Recognizer:** (Winter 2023) Built a machine learning model to identify the brand of a watch from a picture. I web-scraped watch brand websites for images, as well as online watch listings to first create a model to sort the data (whether they contained a watch face or not). Then, I made a custom image processing model that is 96% accurate on watch brand predictions. I used Tensorflow, Python, Typescript, SolidJs, and Rust.

**Georgia Tech Course Registration Aid:** (Fall 2022) Built a desktop application for Georgia Tech students to track available seats and waitlists for classes. I used Rust, Tauri, Typescript, SolidJs.

## EXTRA-CURRICULAR ACTIVITIES

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- Learning Korean.
- **Yellow Jacket Space Program** (2022-2023): Avionics Team member

## LEADERSHIP

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- **Global Conflict Talk.** Club founder and leader. We provide weekly insights on current conflict-related information around the world, with in depth analysis about the geopolitical stakes at hand, and military strategies. Our guest speakers include Retired Air Force General and NATO commander Philip M. Breedlove.