

Benjamin Gordon

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EDUCATION

The University of Texas at Austin, Austin, TX

Graduation: May 2025

Bachelor of Science in Computer Science, GPA: 4.0

Minor: Business

Relevant Coursework: Operating Systems (Fall '22), Data Structures, Computer Architecture, Quantum Computing, Probability

EXPERIENCE

OnScreen Solutions, Tampa, FL (remote)

June 2020 - July 2020

Web Development Contractor

- Created a return on investment calculator for potential clients of the company
- Used **React** to develop the web application, accessing databases with **MySQL**
- Developed understanding of **RESTful APIs** and **HTTP** request methods

Iredell-Statesville Schools, Statesville, NC

August 2019 - August 2020

Volunteer Web Developer

- Transformed 3 paper forms into webpages to save teachers' time, working in a pair
- Gained familiarity with **HTML**, **CSS**, **JavaScript**, and **Google Apps** scripting

PROJECTS

Election analysis (<https://github.com/bengordon-dev/elections>)

January 2021 - Present

- Parsing through historical data to highlight important trends, using command-line tools such as **sed** and **awk**
- Visualizing data with treemaps and line graphs using **bash**, **Python**, and **React**

Volunity (<https://github.com/bengordon-dev/volunity-archive>)

January 2021 - December 2021

- Created a cross-platform application with 2 friends to connect volunteers to nonprofits
- Gained valuable experience developing with **React Native** and **Firebase**

Consilia (<https://github.com/consilia-proj/consilia-mobile-app>)

October 2021

- Led the frontend development of my **HackTX** team's project, a mobile app to help friends find things to do
- Created **React Native** code and successfully called an API written by my teammates

Slay (<https://github.com/bengordon-dev/fun-java-projects/tree/master/slay>)

December 2019

- Reverse-engineered my favorite video game in **Java** with the **JavaFX** graphics platform
- Challenged myself as a programmer with a large object-oriented project at a young age

TECHNICAL SKILLS

- **Languages:** Python, Java, HTML/CSS/JavaScript, bash, C
- **Frameworks/Technologies:** React, React Native, Arduino, Firebase, MongoDB

STUDENT ORGANIZATIONS

Freetail Hackers - *Tech Team Member*

June 2022 - Present

- Contributing to the Merge application, which helps hackathon participants find teammates
- Gaining experience collaborating with others on large projects and using **Github** professionally

Texas Convergent - *Build Team Member (Internet of Things, Tech)*

February 2022 - Present

- Developed smart cane attachment for the blind with ultrasonic distance sensors and an accelerometer in a team of 7
- Programmed **ESP32** microcontrollers with the **Arduino IDE**, built circuits, and wrote testing software in **React**
- Won "Best Tech" award over 14 other teams at Demo Day

Texas Product Engineering Organization

August 2021 - December 2021

- Attended engineering lectures twice a week to learn about full-stack development
- Applied new knowledge to major projects, especially Volunity and Consilia

Quiz Bowl Club, NCSSM - *Captain, Player*

August 2019 - June 2021

- Drove club forward with leadership and technical skills through uncertainty of the COVID-19 pandemic
- Ran practices twice a week, hosted 2 online tournaments, and sent teams to dozens of online events