

# Isaac Grynsztein

## Computer Engineer

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### Summary

Full time student at Georgia Tech with experience developing and collaborating in a group environment. Skilled in various coding languages and full stack web development, and capable of quickly adapting current knowledge to new types of development. Always ready to learn and find new ways to engineer creative solutions to problems faced by peers.

- Understanding of software development in its many manifestations, from designing and coding front end UX, to streamlining IT tasks through Windows Application development.
- Aptitude in working with computer hardware, including building computers, running Linux servers, and mining cryptocurrencies.

### Work experience

#### Full Stack Web Development Internship

May 2017 - August 2017

##### Chronwell

Internship focused around Full Stack web development for a startup company called Chronwell. Created a working prototype with Javascript under the Angular framework, with responsive design centered around Google's Material Design specifications. Worked with several API's on the backend including Google's Cloud API's and IBM Watson, implementing features that will eventually modernize the worker's compensation industry.

##### **Accomplishments:**

- Developed a functional prototype that Chronwell will use to demonstrate the capabilities of AI and ease-of-use to potential clients.
- Worked in a team environment where I learned tools needed to collaborate, and meet deadlines and complete projects.

#### Internship Position

May 2016 - August 2016

##### Palindrome Consulting

Worked as an intern at a local IT company serving primarily business clients. Coded programs in VB.NET designed for use in IT to automate tasks done on at least sixty clients, including creating an all-in-one technician "toolbox" application. Completed daily IT-related tasks, including rebuilding and troubleshooting computers, and delivering fixed computers to clients. Worked with employees, developing creative solutions to resolve client-specific IT problems.

##### **Accomplishments:**

- Saved hours of wasted time by eliminating specific, repetitive tasks done by IT technicians through automation.

#### Dedicated IT Technician

April 2015 - August 2015

##### Ko-Ach Distributors

Handled day-to-day IT tasks including maintaining, updating, and expanding systems and helping employees with problems. Set up and installed the PoS (Point of Sales) System for a new retail store, and trained incoming employees on how to properly use and manage the PoS System.

##### **Accomplishments:**

- Increased cashier efficiency by training employees on how to utilize a modern, internet-based PoS System

### Technical Summary

#### Coding



- C, C++
- Java
- C#
- MATLAB
- Typescript (Angular Framework)
- Javascript (Node.js)

#### Experience



- Coding as part of a team
- Lead instructor for Retail PoS System
- Manager for fraternity website and server
- Officer in Model United Nations Club
- Secretary of Community Outreach Club

#### Communication



- Coordinating with and supporting clients
- Working in small groups
- Presentations

#### Languages



- Fluent in English
- Fluent in Spanish
- Basic understanding of Arabic
- Basic understanding of Hebrew

## Education

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Bachelor of Science in Computer Engineering

August 2016 - May 2020

[Georgia Institute of Technology](#)

School of Electrical and Computer Engineering

GPA: 3.16/4.00

High School Diploma

August 2012 - May 2016

[NSU University School](#)

GPA: 3.99/4.00

## Engineering Courses Completed

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ECE 2031 - Digital Design Laboratory



Allows students to experience the conception, design, creation, and testing of digital hardware in a laboratory. Teaches VHDL modeling on FPGAs, design tools such as CAD, and forms of project management.

ECE 2035 - Programming for Hardware/Software Systems



Introduces the basics of execution and storage mechanisms used in higher level programming languages. Teaches these concepts using C and assembly.

ECE 2026 - Introduction to Signal Processing



Introduces digital signal processing and its surrounding mathematics. Includes a laboratory component, providing real-world applications of the content learned in class.

## Projects

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### Palindrome Toolbox

- VB.NET application to be used for Palindrome Consulting employees, primarily for automating tasks, optimizing clients' computers, and commonly-used programs: all designed for time-saving purposes.
- Resolved one of the most time-intensive tasks for Palindrome Consulting employees by streamlining the Windows Update process for Windows 7, completing it in as little as three hours, rather than up to half a day.

### YoutubeDL Material

- Material design front-end implementation of youtube-dl, a program used to download audio and video from YouTube videos.