AARON GOIDEL *Total Nerd*

CREATIVE AND DRIVEN COMPUTER SCIENCE STUDENT WITH LOVES FOR LEARNING AND PROBLEM SOLVING. EXPERIENCE WORKING IN TEAMS CREATING NEW TECHNOLOGIES; STRONG LEADERSHIP AND PRESENTATIONS SKILLS, AND EQUALLY STRONG TECHNICAL ABILITY. INTERESTED IN APPLYING COMPUTER SCIENCE TO AREAS OF PASSION, SUCH AS LAW, FOOD, FINANCE, AND MUSIC.

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🎓 EDUCATION

University of Toronto *BS in Computer Science*

GPA 3.78/4.0   August 2019 - 2023(expected)

Coursework includes: Theory of Computation, Software Design, Machine Learning, Programming Languages, Computer Organization, Linear Algebra 1 & 2, Calc, Probability & Statistics, Syntax, Semantics, and MORE!

✍️ EXPERIENCE

Teaching Assistant @ University of Toronto

Part-time at University   September 2021 - Present

• TA for Introduction to the Theory of Computation

• Assisted in lectures by answering questions and coaching students through handouts and activities

• Taught lab of 30+ students, reinforcing lecture through problems and Q&A

Director of Technology @ Math and Computer Science Society

Student Organization   July 2021 - Present

• Oversaw planning, development, and maintainance of applications and resources to aid Math & CS students

• Interviewed and hired student developers for associate positions

• Managed team of 6 student devs working on web development projects

• Held weekly standups and reported in weekly executive team meetings

Junior Software Engineer @ Highsnobiety

Part-time While Studying   July 2020 - August 2021

• Junior Engineer creating a pipeline for retail product data collection

• Implemented, maintained, and improved upon web scraping and data parsing infrastructure for increased performance in data collection from retail partners

• Responsible for data collection performance increases of up to 80%

• Assessed and performed triage for critical systems in real-time

Cybersecurity Research Intern @ National Security Agency

Summer Internship   June 2019 - August 2019

• Authored a patch in the Linux operating system, implementing a security hook and permissions for controlling file system watches, including test suite

• Experimented with machine learning models to estimate the proximity of Bluetooth Low Energy enabled IoT devices in obstructed spaces

• Presented progress and findings to groups of 20+ researchers in biweekly technical briefings

🎉 CERTIFICATIONS, AWARDS, ETC

Apple Certified Mac Technician

U.S. TOP SECRET//SI//TK SECURITY CLEARANCE

2020, 2021 Deans List & Math and Computer Science Honor Roll

2021 UofT PyJaC Coding Competition Advanced Champion

2021 UofT Hack The Case Competition 1st Place

⌨️ LANGS

C
JS (React, Next, TS, Node)
Python
Java
Go
x86 Assembly

💻 TECHNICAL

Git + GitHub
OOP
SOLID
Linux + Bash
Agile
Trello + Jira

🎸 INTERESTS

FinTech & Markets
ML & NLP
Programming Languages
Good Music
Even Better Food
Going to Space Some Day

🗃️ PORTFOLIO

https://aarongoidel.com

Check Out My Projects Here!