Barak Binyamin

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OBJECTIVE

Seeking a full time internship for the summer of 2021 that will provide an opportunity to work hard, be part of a team and gain experience in software and hardware.

EDUCATION

ROCHESTER INSTITUTE OF TECHNOLOGY,Rochester, NY
Bachelor of Science in Computer Engineering, expected May 2024
GPA:3.65/4.00
Awards: Dean's List Fall 2019
Courses:

Introduction to Computer Eng.	Digital System Design I, II
Introduction to Software Engineering	Computer Science I, II
Calc I, II, III	Discrete math
University Physics I, II	Principles of Microeconomics

SKILLS

Programming Languages: Bash, Python, Java, Swift, HTML5 CSS & JavaScript, VHDL
Operating Systems: Linux, Mac OS X, Windows
Software: Altera Quartus, ModelSim, Vivado, EDA Playground | AutoDesk Inventor, Fusion 360
Hardware: Oscilloscope, Digital Multimeter; Waveform Generator

PROJECTS/LABS

- **Wireless LED Display** - Utilized Gatt communications protocols to control a 5X5 LED Display. Walkthrough, documentation, and hardware schematics shared publicly at [github.com](#)
- **TrackSplit400** - Worked in a two person team to develop an iphone application to be used as a goal setting tool. Athletes mark their split times, and the app shows their projected race time in real-time [Available on the App Store](#)
- **Realtime-Database Tutorial** - Built a tutorial that lays out the basics to using Google's Firebase real-time-database API for a web-app, shared publicly at [github.com](#)
- **TouchType** - Worked in a two person team to develop a web-based educational game with leaderboard utilizing HTML, CSS, & JavaScript, the game is free to play at [TouchType](#)

EXPERIENCE

ComputerEngineering, RIT   Rochester ,NY   Fall '20-Present
Teaching Assistant / Mentor for 100 students - Answer questions of students, give advice in lab sessions for the Introduction to Computer Engineering, and give advice for navigating the major

DM Properties,   Rochester, NY   Fall '19-Present
Residential Property Manager and Advertiser - Find tenants through advertising, create and maintain a website, coordinate with tenants, ensure maintenance of the property

NTID AccessServices, RIT   Rochester, NY   Fall '19-Spring '20
Student Note Taker - Wrote notes for students with disabilities

Vitales Rochester Italian Restaurant,   Rochester, NY   Fall '19-Spring '20
Social Media Manager - Maintained social media accounts, advertised, and updated restaurant information through google My-Business

Camp Chingachgook, YMCA   Kattskill Bay, NY   Summer 2018
Overnight Counselor - Supervised a cabin of 11-13 campers, taught skill classes, resolved conflicts, facilitated team building activities

VOLUNTEERING

Camp Chingachgook, YMCA   Kattskill Bay, NY   Summer 2017
CIT - supervised a cabin of 11-13 campers, taught skill classes, resolved conflicts, facilitated team building activities

ACTIVITIES / INTERESTS

Running, Swimming, Hiking, Adventure, Sports, Traveling, Learning