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, VHDL, Swift, HTML5 CSS & JavaScript,

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

- Utilized Gatt communications protocols to control a 5X5 LED Display. Walkthrough, documentation, and hardware schematics shared publicly at [github.com](#)
- 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](#)
- 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](#)
- Worked in a two person 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 - Answer questions of students in lab sessions for the Introduction to Computer Engineering, and gives 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