

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.

Introduction to Software Engineering

Calc I, II, III

University Physics I, II

Digital System Design I, II

Computer Science I, II

Discrete math

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

- 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 team to Develop a Web-based educational game with leaderboard utilizing HTML, CSS, & JavaScript, the game is free to play at [TouchType](#)

EXPERIENCE

Computer Engineering , 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 Access Services , 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