Michael Bartner

(646)-369-7261| M.Bartner16@gmail.com | Paramus, NJ

Education

University of Maryland, College Park, MD — September 2015 - May 2019
GPA: 3.46
Major: Computer Science

Skills

- Proficiency: Java, Android Programming, Ruby
- Comfortable or Familiar: C, C++, HTML, CSS, Javascript, Node.js, PHP, MIPS 64 Instruction Set, OCaml, Prolog
- Basic knowledge of computer networks, Photoshop, video editing, and troubleshooting computer malfunctions.

Projects

N5 Sensors Android Application
- Visualized real-time sensor data received via Bluetooth LE displayed on a dynamic, real-time graph.
- Programmed in Java, and utilizes an SQLite database, MPChart library (for graphing), and the Bluetooth API.

N5 Sensors Desktop Application
- Programmed in JavaScript and C++ using the Electron framework. Similar purpose to the Android application.

Work Experience

N5 Sensors, Rockville, MD — 05/2017 – Present
Software Engineer
- Developed mobile and desktop software to visualize the data transmitted from the start-up's sensor product.

Leadership / Extracurricular

Virtual Reality Club, College Park, MD — 09/2016 - Current
Secretary
- Responsible for communicating to 200+ members (3rd largest comp sci club of UMD) to ensure substantial attendance for meetings and events.
- Established relationships with local VR companies willing to sponsor events or guest speak at general body meetings.

Delta Sigma Phi Fraternity, College Park, MD — 09/2015 - Current
Health and Wellness Chair
- Organized the entirety of the semester's sports for a brotherhood of 95 members and scheduled over 80 games.
- Created a weekly newsletter to encourage personal health among brothers and scheduled weekly fitness routines.

Reality Hacks Hackathon, College Park, MD — 03/2017
Organizer/Mentor
- Organized and mentored the first exclusively VR/AR hackathon at the University of Maryland.

Technica Hackathon, College Park, MD — 11/2016
Mentor
- Assisted in teaching introductory Virtual Reality workshops and helped participants in VR related projects.

Bitcamp Hackathon, College Park, MD — 04/2017
- Created a social awareness calculator that generates scores based on a specified user's twitter data.
- Written in node.js and utilizes the Twitter API and the IBM Watson API.

Honors / Awards / Interests

Dean's List Fall 2016/ Spring 2017, Terri Roemer Paramus Run Scholarship Recipient, National Honors Society, Spanish National Honors Society, Virtual/Augmented Reality, Physical Fitness, Any athletics specifically soccer and skiing, Outdoor Activities, Lock Picking, I never have more than 10 items in my Downloads folder