**Michael Bosik - michaelbosik.com**

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**Summary**

I am a junior majoring in Computer Science with a minor in Interactive Media and Game Design (IMGD) at WPI, seeking a job or internship in the area of front end software, web or game development. I would describe myself as a leader, adaptive, ambitious, motivated, patient, concentrated and having a willingness to learn and teach others.

**Education**

* Worcester Polytechnic Institute (WPI) - **Computer Science** major and **Game Development** minor

**Computer Skills & Programming**

* **Proficient** in Java, Javascript (React, Node), Python, HTML/ CSS, C/C++, Go, Git, Terminal, Vertx, and WebGL/OpenGL
  + Code Ninjas camp director teaching kids to program in Javascript, Scratch and C/C++
  + **2 HACK@WPI** hackathons, created search engine word jumble and game in unity
  + **HackWITus** hackathon created digital simulation website using Javascript and HTML
  + Constructed game engine from scratch using C++ and SFML library
* **Game Development** using GameMaker 2, Dragonfly, Unity and Unreal Engine
* 3D modeling experience using software such as Autodesk **Maya**, and **OpenGL**
* **Adaptive** and understanding towards hardware and software
* Experience in using virtual reality hardware and software with HTC Vive
* **Proficient** in Videography/ Photography
  + Handle/Use camera equipment and video editing software including Sony Vegas & Movie Maker

**Work/ Volunteer/ Leadership Experience**

* **TraceLink - Quality Assurance Intern** - May 2019 - August 2019
  + Worked on a scrum team to develop an application for the TraceLink platform
  + Learned reactive programming as well as file authentication with AWS
* **Beta Theta Pi Fraternity Brother** - March 2019
  + Volunteer work at organizations such as Habitat for Humanity and Mustard Seed Soup Kitchen
* **Code Ninjas - Lead Sensei (Camp Director)** - May 2018 - August 2018
  + Lead a team of counselors for summer camps for children ages 7-13
  + Created curriculum and taught children mechanics of programming in Scratch and Javascript as well as 3D modeling in Tinkercad and McEdit and Web Design in HTML and CSS
  + Set up hardware and software to use in camp as well as prepared lessons and activities
* **WPI Global Lab Technology Trainer** - February 2019 - Present
  + Set up and test new equipment such as cameras, microphones, VR, video editing software, etc.
  + Train users how to use equipment in preparation for their study abroad projects
* **WPI Psychology Research Assistant** - June 2017 - January 2019
  + Researched and documented information from articles from the LexisNexus database involving cases of parents who have fatally abused or neglected their children
  + Formatted and coded data to be analyzed and used in reports
* **Trumbull Library - 3D Printer Volunteer** - September 2013 - June 2017
  + Managed Makerbot 3D printer and software – educated and demonstrated to Trumbull community
* Co-Producer of ARG for class project in freshman year of college
  + **Supervised** progress of components for an Augmented Reality Game involving the entire campus.