

# 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, Ruby, C/C++, MySQL, Git, JQuery, Vertx, and WebGL/OpenGL
  - Code Ninjas camp director teaching kids to program in Javascript, Scratch and C/C++
  - 3 hackathons, created projects ranging from Unity game to front end website
  - Personal website developed front-end skills including Javascript, HTML, Ruby and JQuery
  - 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
  - Produced professional "Seeds of Stem" promotional video

## 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 - September 2019
  - 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.