

# Joseph S. Ruiz

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## EDUCATION

**Quinnipiac University, School of Engineering,** Hamden, CT  
**Major:** Software Engineering, BS

2016 – Present  
Expected May 2021

**Programming Courses:** Web Development Front-End and Back-End, Object Oriented Design, Algorithm Design & Analysis, Database Design & Development

## SOFTWARE PROJECTS

- Diligence Path(Senior Capstone)
  - Creating a stream lined process to allow clients to work online to complete the application process while allowing for back and forth communication.
  - Optimized to use AWS(Amazon Web Services) for the ability to expand easily and transition to a larger organization.
  - Developed using React as our front-end JavaScript library to allow for completely custom UI to fit the ccustomers needs.
- Project Manager (Academic Course)
  - Teaching a group of sophomores the value of scrum cycles and agile methodology
  - The team was working to develop a software while documenting their progress using SRS documents, Vision documents and GIT as I guide them to achieve their goals.
- Quinnipiac Schedule approval software
  - Developed as a class project using Mongo, Express, React, NodeJS
  - Allows for Advisor and Advisee meeting to be streamlined into a web-based process
  - Utilized: JavaScript, HTML/CSS

## EMPLOYMENT

**Stelron Components,** Mahwah, NJ, *Machinist/Mechanical Engineering Intern*

Summer 2019 – Present

- Precision CNC Machining, CNC Lathe, G-Code basics
- Collaborating with Mechanical Engineers on machining cams for machines capable of mass production.

**New York Military Academy,** New Windsor, NY, *Summer Camp Counselor*

Summers 2016 – 2018

- Technology lab Support, Sport/Fitness Coach, Event Organizer

**John S. Burke Catholic High School,** Goshen, NY, *Intern*

Summer 2013

- With the Director of Technology, servicing school's Networking hardware, installation of 50+ computers in the IT lab, new school project of programming 500+ iPads & 30 Apple Tv's for school systems network

## QUINNIPIAC ACTIVITIES / LEADERSHIP

- Quinnipiac University Big Event Cleaned debris from local parks.
- Quinnipiac Student Programming Board "Wake the Giant" Volunteer
- Finalist of Quinnipiac Hackathon (Software Development Competition)

## INTERESTS

- Graphic design (UX & UI) and app development
- Professional Videographer/Photographer
- Animation Research & Development using MAYA
- Ray Tracing Algorithm Design and Development

## SKILLS

- Programming Languages: (*Proficient*) HTML5/CSS, JavaScript, Java, Python, GIT (*familiar*): Swift, SQL, C++
- Web-Development: (*Proficient*) ReactJS, Node, Mongo, Mongoose, Express, AWS(currently completing certifications)
- Editing Software: (*Proficient*) Adobe Premiere, After effects, Photoshop, Lightroom and Illustrator  
(Familiar): Autodesk Maya