Joseph Petitti

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Objective

Senior computer science major seeking summer 2020 internship before attending graduate school

Education

- **Worcester Polytechnic Institute**   Worcester, MA
  B.S. Computer Science; GPA: 3.92/4.00   *Expec. May 2020*

Skills

- **Languages**: JavaScript/TypeScript, C/C++, Java, LaTeX, Bash, Haskell, PL/SQL, HTML/CSS, Python
- **Technology**: GNU/Linux, Node.js, Angular, Git, Nginx, Eclipse, VS Code, IntelliJ IDEA, Microsoft Office

Experience

- **Worcester Polytechnic Institute**   Worcester, MA
  Full Stack Web Developer   *Oct 2019–Present*
  - **Beecology Project**: Designed Angular front-end for NSF-funded educational ecology project

  Teaching Assistant   *Aug 2018–Present*
  - **Labs, Office Hours**: Taught labs, held office hours, and graded assignments for undergraduate CS classes

- **Wakefly, Inc.**   Marlborough, MA
  IT Hosting Intern   *May–July 2019*
  - **Hosting Team**: Managed installing, updating, and troubleshooting virtual Windows and GNU/Linux servers hosting Kentico, Umbraco, WordPress, etc. content management systems and databases for dozens of clients
  - **IT Tasks**: Independently completed IT tasks and organized inventory as sole IT staff for office of 32 employees

- **MAPFRE Insurance**   Webster, MA
  Application Services Intern   *May–Aug 2018*
  - **Enterprise Web Appraisal System**: The Enterprise Web Appraisal System (EWAS) is a web application developed by MAPFRE for internal use by their appraisers, automating the appraisal process and increasing efficiency and consistency. Worked on application services team to develop front-end and debug database
  - **EWAS Front-End**: Developed and deployed dynamic web application front-end in JavaScript/JQuery

Projects

- **Augmented Reality Tour Guide App**   Kyoto, Japan
  Team Member, Kyoto VR   *Jul–Oct 2019*
  - **Audio Tour App**: Developed mobile app in team of three for delivering audio tours with augmented reality features for historic sites in Kyoto, Japan
  - **Tour Editor**: Designed and deployed web application for creating and version-managing extensible location-based audio tours including vanilla JavaScript front-end and Node.js back-end

- **Cultural Preservation and Promotion**   Central, Hong Kong
  Team Member, Institute for Sustainable Urbanisation   *Jan–Mar 2019*

- **Algol Meeting Scheduler**   Worcester, MA
  Project Manager, WPI   *Nov–Dec 2018*
  - **Angular Front-end**: Independently developed responsive front-end for schedule planning web app using TypeScript, Angular, and Google's Material Design
  - **AWS Back-end**: Led team of four to develop Java API and MySQL database in Amazon Web Services

Awards/Other Positions

- **Beta Theta Pi**: Eta Tau Chapter, Finance Chairman Jan–Dec 2019; Risk Management Chairman Jan–Dec 2018
- **Upsilon Pi Epsilon**: Computer Science Honor Society, Nov 2018
- **Dean's List**: WPI, Fall 2016, Spring 2017, Fall 2017, Spring 2018, Fall 2018, Spring 2019, Fall 2019
- **Eagle Scout Award**: Boy Scouts of America, Sep 2012