

**School Address**

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**OBJECTIVE**

Summer internship in Computer Science

**EDUCATION**

**Worcester Polytechnic Institute (WPI)**, Worcester, MA

**Bachelor of Science**, Computer Science, May 2021 GPA: 3.87/4.00

**SKILLS**

**Programming Languages:** Python, Java, C, R, JavaScript, Shell Scripts, HTML, CSS, SQL

**Software:** Git, GitHub, Bash, Amazon Web Services, Apache Cordova, SwaggerHub, Eclipse, VirtualBox, MySQLWorkbench, Microsoft (Word, Excel, PowerPoint), Google (Docs, Sheets, Slides), Mac, Linux, Windows

**CODING PROJECTS**

**Software Engineering**, WPI October – December 2019

- Designed a web application to store, organize, and distribute video segments with Amazon Web Services, Java, Java Script, HTML, CSS, and SQL on a team of four
- Presented design, features, and functionality to classmates

**El Caño Archaeological Park App**, Interactive Qualifying Project, Panama August – October 2019

- Designed an app to give English- and French-speaking visitors a self-guided tour of El Caño Archaeological Park and refined the design with visitor and sponsor feedback on a team of four
- Built the design into a Progressive Web App using HTML, CSS, and JavaScript, then into Android and iOS native apps using Cordova, Android Studio, XCode, and shell scripts
- Wrote a 60-page manual explaining how to modify and update the app and a 70-page project report; presented findings and recommendations in a poster presentation and PowerPoint to sponsors
- Taught relevant use of GitHub, Git, HTML, and CSS to groupmates, who had no coding background

**Operating Systems**, WPI January – March 2018

- Simulated a command shell to perform system calls and background tasks for Linux with C
- Designed multi-threaded programs with locks and semaphores to avoid race conditions in C

**EXPERIENCE**

**Internship with Nesci & St. Louis P.L.L.C.**, Tucson, AZ May – August 2019

- Drafted a procedures manual and templates for motions and letters using Google Docs and Dropbox
- Resolved routine IT issues for iMac desktops, Mac laptops, and HP Printers

**Internship with Nesci & St. Louis P.L.L.C.**, Tucson, AZ February – April 2017

- Integrated Google Drive into employee workflow to increase productivity
- Organized video footage for courtroom presentation using iMovie

**ADDITIONAL PROJECTS**

**Great Problems Seminar: Livable Cities**, WPI August – December 2017

- Researched and produced a certificate program and educational campaign on bat conservation in urban environments for cub scouts, brownie scouts, and students

**ADDITIONAL EXPERIENCE**

**Peer Learning Assistant**, Great Problems Seminar, WPI August – December 2018

**Eagle Quest Area Director**, Camp Lawton, Mount Lemmon, AZ May-July 2016 – 2017

**Eagle Scout Project**, Haven, Tucson, AZ September – December 2016

**ACTIVITIES**

**Member**, Running Club, WPI February 2019 – Present

**Secretary**, Alpha Phi Omega, WPI September 2018 – Present

**Member**, Science Fiction Society, WPI February 2018 – Present