

## **Jessie A. Hildebrandt**

*For a copy of my resume with complete contact information, please contact me. Thanks!*

jessieh.net  
contact@jessieh.net  
East Coast, USA

Passionate technologist, autodidact, and software engineer.

### **Technical Skills**

#### **Software**

Git, Docker, Node.js, SQLite, PostgreSQL, Microsoft SQL Server, MySQL, Apache, NGINX

#### **Languages**

Python, PHP, JavaScript, TypeScript, C++, Java, C, Lua, Shell (BASH), PowerShell

#### **Systems**

Linux (SUSE, CentOS / RHEL, Fedora, Debian), Windows Subsystem for Linux, Windows

#### **Other**

REST APIs, AJAX, Visual Design, Agile / Scrum, Kanban

### **Educational Background**

#### **Bachelor of Science in Computer Science, Cum Laude**

Millersville, University

GPA: 3.61/4.00, Dean's List 5 semesters

#### **Relevant Coursework**

Compiler Construction, Programming Language Design, Parallel Processing, 3D Game Programming, Database & Web Development, Computer Graphics & Virtual Reality, Operating Systems, Artificial Intelligence

#### **Independent Studies**

*"Implementing a 3D Procedurally Animated Walking System"*

### **Relevant Experience**

#### **System One**

##### **Solutions Engineer — September 2020 to June 2021**

Designed and implemented systems and solutions with technologies like Flask, TypeScript, Docker, and Azure. Trained and deployed bespoke webscale computer vision models on Microsoft's Azure services platform. Traveled to work sites to install and update systems hardware for clients.

## **Electric Blue Power**

### **Contract Web Developer; *June 2020 to September 2020***

Assisted in designing a web application for the tracking and management of fleet vehicles. Developed the foundations of a service for a GIS fleet management browser application with Node.js.

## **C.S. Davidson, Lancaster, PA**

### **Software Engineer Intern — *December 2019 to April 2020***

Established deadlines and satisfied customer feature requests related to a GIS web application. Extended and generalized the functionality of a legacy system to work with additional asset types. Extensively documented multiple web app asset development processes to prepare for feature expansions.

## **Dow Chemical Company, Newark, DE**

### **Computing Systems Intern — *May 2018 to August 2018***

Developed a turn-key Linux-based remote viewing system to preserve computer hardware on the production floor. Automated the process of deploying and setting up new data entry computers throughout the site. Consulted with external vendors to replace the software for the site's aging DNC network.

## **Millersville University**

### **Computer Science Tutor — *November 2017 to December 2018***

Offered tutees comprehensive educational support and tutelage in 300-level classes and above. Provided support in debugging programs written in Java, C++, and OCaml. Coordinated with students in planning and achieving goals in their computer science education.

## **MODTEC Device Repair**

### **Self-Employed (Repair Technician) — *August 2016 to April 2018***

Developed a full corporate identity with logos, business cards, flyers, and a website. Designed and engineered a PHP database management tool for tracking customer information. Prepared and executed a customer outreach/retention plan to establish and retain a customer base. Consulted with clients and serviced a wide variety of electronic devices using professional tools.

## **Electro Sound Systems**

### **Contract Web Developer — *January 2016 to March 2018***

Prepared several prototypes and consulted with the client to analyse potential outreach solutions. Developed effective administrative tools in PHP to reduce asset deployment time on the production server. Coordinated with the client's third-party leasing company to deploy key services on the website.

## **Activities**

**Millersville University Coding Club** — Team Member — *2016 to 2019*

**Millersville University Computer Science Club** — Member — *2016 to 2018*

**Chester County Pokémon League** — Pokémon Professor & Organizer — *2012 to 2018*

**FIRST Robotics Team** — Programming Lead — *2010 to 2015*