

## **Jessie A. Hildebrandt**

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

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East Coast, USA

Passionate technologist, autodidact, and software engineer.

### **Technical Skills**

#### **Software**

Git, Docker, Node.js, SQLite, PostgreSQL, MySQL, Apache, NGINX

#### **Languages**

Python, PHP, JavaScript, TypeScript, C++, Java, C, Lua, Lisp, 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

Maj. GPA: 3.61/4.00, Cum. GPA: 3.54, 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" ([Link](#))*

### **Relevant Experience**

#### **Texas GPS Holdings**

##### **Software Engineer — *Since February 2022***

- Designing and developing supporting systems for electronic games.
- Developing and supporting features for both live and upcoming products, implemented primarily in Lua.

- Designing, deploying, and maintaining supporting server infrastructure for products with technologies such as JavaScript, Python, and AWS.

## **System One**

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

- Designed and implemented systems and solutions with technologies such as 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 industry 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.
- Designed and developed a Node.js-based foundation for the backend of a GIS fleet management browser application.

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

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

- Established deadlines and satisfied customer feature requests for the company's GIS web application suite.
- Extended and genericized the functionality of a legacy asset management system to work with additional asset types.
- Extensively documented multiple web app asset development processes to prepare the product for future 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 website.
- Designed and developed a PHP CRM tool for tracking customer information.
- Prepared and executed a customer outreach and retention plan to establish and retain a customer base.
- Consulted with clients and serviced a wide variety of electronic devices including phones and laptops.

## **Electro Sound Systems**

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

- Prepared several prototypes and consulted with the client to analyze potential outreach solutions.
- Produced and delivered a company website for the client.
- Developed effective administrative tools in PHP to reduce asset deployment time in the production environment.
- Coordinated with the client's third-party leasing company to deploy key financing 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*