

PAUL R SCHWENDENMAN

Circleville, OH 43113

(614) 356-7807 • schwendenman.paul@gmail.com • <https://whatsdoom.com/>

EDUCATION

THE OHIO STATE UNIVERSITY Columbus, OH, U.S.A. • Bachelor of Electrical and Computer Engineering, 2012
Cumulative GPA: 3.266/4.000 • Major GPA: 3.261/4.000 • Selected Coursework:

Electrical Engineering: Introduction to DSP • State-Space Control Systems • Theory and Design of Digital Computers • Digital VLSI Design • Analysis and Design in Circuits and Electronics • Microprocessor / Microcontroller Lab • Digital Logic Lab

Computer Science: Programming in Lisp • Programming in C • Operating Systems • Systems Software Design, Development, and Documentation

Mathematics: Multivariable Calculus • Ordinary Partial Differential Equations • Linear Algebra • Discrete Math • Probability and Statistics

WORK HISTORY

eFuse (2023-current)

Senior Software Engineer

- Served as the technical lead for the core team which was responsible for our the centralized internal authentication, authorization, and account service
- Integrated applications with auth0 and managed oauth2 integrations
- Worked on the platform team to set technical direction and standards for the engineering organization
- Managed AWS and Cloudflare resources with terraform
- Automated the deployment of services to kubernetes using helm charts and github actions
- Aided and mentored junior folks in order to uplift and grow others

Upstart (2022-2023)

Senior Software Engineer

- Responsible for the maintenance and delivery of several monthly reports, our daily reporting API and the quarterly loan pledging process
- Worked with business partners to identify and plan work to build tools which would improve the productivity their daily tasks
- Responsible for leading team meetings including retros and other agile ceremonies
- Mentored and brought several new team members including an early career junior hire up to speed
- Responsible for planning and executing adding a new debt sale process which saved many person-hours each month

Root Insurance (2020-2021)

Software Engineer

- Working on a team responsible for making full stack changes to add new functionality which enables new business goals
- Worked on a team responsible for rewriting the code base of a critical third party integration
- Responsible for writing clean, functional, well-tested code
- Understanding business goals and taking them into account when making technical decisions
- Responsible for working with product owners, analysts to move company's priorities forward

Pillar Technology (2015-2020)

Senior Software Artisan / Technical lead

- Worked on many different clients and teams to rapidly develop valuable working software
- Helped to create a React based data visualization tool for a major oil producer
- Worked on a project to build scheduling software for nursing home staff
- Created a proof of concept for how to modernize the payment system for a major gas station operator
- Helped to build a data platform which helped to provide access to mobility data
- Responsible for creating an application to manage vulnerabilities returned on a network vulnerability scan for a security company
- Created an application used to research from multiple data sources for suspicious network activity for a security company
- Responsible for helping to isolate and replace the legacy website and allow for new development with modern tools
- Responsible for peer up lift and mentoring both in the team space, during pairing and one-on-one touch bases
- Responsible for maintaining a well groomed backlog to keep the team busy
- Responsible for building a client relationship around trust and results
- Responsible for writing high quality code that would solve valuable business problems

Olah Healthcare (2013-2015)

Python Stack Developer

- Responsible for developing, maintaining and installing a Django application for multiple clients
- Interacted with clients to properly setup and configure their installation.
- Used Fabric to automate maintenance of installations
- Made scripts to help with the configuration and debugging of installations

- Helped with the planning and design of future projects
- Trained interns and new hires bringing them up to speed with the stack

Ohio State ElectroScience Lab (2012)

Internship

- Responsible for designing front and rear window conformal antennas for the Chevrolet Volt.
- Maintained and expanded a Matlab project

Memorize.com (2010)

Internship

- Ruby Web-development using the Merb Web Development framework (similar to Rails)
- Created and Updated unit tests for the site to test the proper interaction of components.
- Was responsible for browser based layout and functionality testing making sure the website worked and looked correct..
- Discussed the direction of the site and planning for the addition of the “for pay” features..
- Discussed use cases and edge cases for a wide variety of situations..
- Helped create content for the site and improve some of the user generated content.
- Was responsible for posting interesting pages to the Memorize.com twitter account.

SKILLS

- python, django, javascript, node.js, react, svelte, HTML, CSS, ruby, rails,
- docker, k8s, bash, bootstrap, postgresSQL, mongoDB, traefik, nginx, Apache, L^AT_EX
- UNIX tools, terraform, GNU/Linux, git, regular expressions, agile methodology