

Matthew Allen

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EDUCATION

Purdue University

Expected Graduation: May 2027

BS, Computer Science

- GPA: 4.00/4.00
- Relevant Courses: Object-Oriented Programming, Programming in C

Harvard University's CS50x

- Programming experience in C, Python, HTML, CSS
- Database fundamentals

WORK EXPERIENCE

Outdoor Power Dealer

August 2021 – July 2023

Equipment Technician

- Equipment Maintenance and Repair: Diagnose, maintain and repair customer equipment such as lawn mowers, chainsaws, and other outdoor power / small engine machinery.
- Customer Service: Interact with customers while providing assistance, answering questions, and offering advice on various customer needs.
 - Clearly communicate issues with equipment, and steps needed to repair.
 - Address customer concerns and issues when needed.
- Equipment Assembly: Assemble new equipment while following manufacturer guidelines and technical specifications to ensure accurate assembly processes.

Painting Company

June 2019 – September 2022

Residential / Commercial Painter

- Project Management: Estimate project timelines, coordinate work time and schedules, and source needed materials.
- Quality Assurance: Ensure high standards and attention to detail throughout projects. Perform quality checks to ensure proper paint adhesion and surface finish.

PROJECTS

Cspeed | C

- Developed typing speed game in C
- Utilized ncurses library for terminal manipulation
- Implemented random word generation for unique tests

Password Manager | Python, SQL, Cloud Storage

- Built terminal-based password manager to store and generate passwords
- Implemented encrypted data storage with SQL
- Added feature to sync data via private github repository

SKILLS & INTERESTS

- **Skills:** Programming in Python and C; Proficient in Linux; Git/Github; SQL databases; Problem-Solving
- **Interests:** Linux; Snowboarding; Mechanical Keyboards; Motorcycles; Music; Drums

