ALEXIS LOVITZ

North Lima, OH

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EDUCATION

Old Dominion University　　　　　　　　　　　　　　　　　　　　**08 2018 – 05 2022**
*BS in Computer Science, Minor in Cybersecurity - **3.84***　　　　　　　　　　*Norfolk, VA*

COURSEWORK / SKILLS

- Advanced Data Structures and Algorithms
- Object-Oriented Programming and Design
- Introduction to
- Software Engineering
- Introduction to Theoretical Computer Science
- Problem Solving and Programming I & II
- Operating Systems
- Principles of Programming Languages
- Cryptography for Cybersecurity
- Networked Systems Security
- Cybersecurity Fundamentals
- Digital Forensics
- Professional Workforce Development I & II

PROJECTS

Attention Assistant ↗ | Java, SQL　　　　　　　　　　　　　　　　　　**04 2022**
- Developed a desktop application to assist ADHD-affected adolescents with focus and productivity.
- Created a GUI taskbar with features like Priority Manager, Pomodoro Timer, and mental support tools.
- Implemented user activity tracking (keyboard/mouse inputs, OS events) to generate weekly Progress Reports.
- Built a Parent Portal for task customization, feature limitations, and secure profile management.
- Utilized GitLab for version control and Jira for agile task management during project development.
- Live site here

Project Enrollments ↗ | Java　　　　　　　　　　　　　　　　　　　　**04 2021**
- Processed historical and current enrollment data to predict future trends.
- Read and filtered text files, performed calculations, and generated CSV outputs.
- Visualized results with scatterplots showing historical, current, and projected data.

CPU Temperatures ↗ | Python　　　　　　　　　　　　　　　　　　　　**04 2022**
- Analyzed CPU temperature trends using interpolation and least squares regression.
- Automated processing of temperature data collected at 30-second intervals.

WORK EXPERIENCE

New England Sports Photo　　　　　　　　　　　　　　　　**06-2020 – Present**
Data Entry Specialist
- Input and organize data from various online sources, maintaining accuracy in spreadsheets.
- Managed employee schedules and created calendar events for shift organization.

Dazzling Minds Academy　　　　　　　　　　　　　　　　　**10-2021 – Present**
Outschool Instructor
- Designed engaging activities for students aged 5-12, including online clubs and private gaming servers.
- Facilitated virtual classrooms via Zoom and monitored student interactions to ensure a safe, structured environment.

TECHNICAL SKILLS

Programming Languages: Python, Java, C++, SQL, JavaScript, HTML, CSS
Tools: VS Code, Android Studio, Eclipse, GitLab, Jira, Microsoft, MySQL, Excel
Technologies/Frameworks: Linux, AWS, GitHub
Other Skills: Technical Writing, Flexibility, Experimentation, Communication, Time Management, Teamwork, Leadership, Creativity, Problem Solving