

Adam Prusiecki

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WORK EXPERIENCE

Skymantics, LLC

Software Engineer

Melbourne, Florida

November 2022 - Present

- Developed software applications using Python, MySQL, and BASH
- Designed, developed, executed unit, integration, database, regression, automated, and manual tests
- Debugged and optimized codebase in accordance with PEP8, increasing overall performance
- Design and developed customer defined features for AI based ETL applications
- Wrote and maintained MySQL queries to generate custom reports, for non technical employees
- Coordinated a small team of software engineers in completing Jira epics, stories, and tasks
- Participated as a part of a Agile Scrum / Kanban team, contributing to sprint goals
- Conducted peer code reviews
- Experience with code version using Git
- Presented demos of completed features and tasks to management

International Tool Machines of Florida

Assistant Office Manager

Palm Coast, Florida

April 2022 – November 2022

- Managed two warehouses of inventory, consisting of tools, specialized machines, and machine parts
- Assisted engineers / machinists in various tasks, including measuring, assembling, and quality testing
- Created, filed, executed, and tracked purchase orders and invoices.
- Maintained customer and vendor relationships

EDUCATION

University of West Florida

Master of Science, Data Science - Analytics and Modeling

Pensacola, Florida

In progress

- 3.83 GPA, (18/30 credits)
- Machine Learning: Used Python, linear algebra, and statistics to create machine learning models
- Statistics for Data Science I: Wrote SAS code to analyze large datasets, to conduct hypothesis testing
- Trends in Data Analytics: Detected trends and patterns in social media data, using Python and R code
- Data Mining: Detected trends and patterns in large datasets, using Python and R code
- Data Warehousing: Designed and managed data warehouses for business intelligence applications
- Foundations: Prog. Essentials: Wrote OOP Java code, emphasizing interfaces and generic methods

University of West Florida

Bachelor of Science, Cybersecurity

Pensacola, Florida

Spring 2021

- 3.13 GPA
- Programming courses using, C++, Java, SQL, Python, R
- Algorithm & Programming Design: Wrote C++ code, emphasizing pointers & memory management
- Data Structures & Algorithms(1&2): Designed search / sort algorithms for complex Data Structures
- Data Mining: Detected patterns and trends in large datasets, using Python and R code
- Intermediate Java Programming: Wrote OOP Java code, emphasizing inheritance and polymorphism
- Secure Software Development: Identified common attack surfaces/vectors across multiple languages
- Database Systems: Designed, created, and managed relational databases in Microsoft SQL Server
- Database Security: Created / managed roles, groups, and permissions for Microsoft SQL Server DBs
- Linux System Admin: Leveraged Red Hat Linux to manage and monitor a cluster of Linux systems

SKILLS

- Programming experience in Python, MySQL, C++, Java, R, BASH
- Experience with Git, Github, Gitlab, Gitlab pipelines, and Jenkins
- Experience with MariaDB, DBeaver and Microsoft SQL Server
- Experience with AWS EC2 and RDS
- Experience with Docker containers