

FirstName LastName

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TECHNICAL SKILLS & CERTIFICATIONS

Languages: Java, Python, C, C++, JavaScript

Web Technologies: HTML, XML, CSS, TypeScript, React, Node.js, Express, REST APIs

Tools: Git, GitHub, VS Code, IntelliJ, Docker, Postman

Databases: SQL (MySQL, PostgreSQL), MongoDB, NoSQL

Data Analysis: Pandas, NumPy, Scikit-learn

Cloud and DevOps: AWS (Cloud Practitioner), Azure Fundamentals, Docker, GitHub Actions (CI/CD), Linux

Methodologies: Agile, Scrum, Object-Oriented Programming (OOP), Test-Driven Development (TDD)

AI Development: GitHub Copilot, Claude Code, Cursor, OpenAI API, Anthropic API, Hugging Face, LangChain, RAG

Certifications: Google IT Support Professional (20XX), CompTIA Security+ (20XX), AWS Cloud Practitioner (in-progress)

EDUCATION

Bachelor of Science, Computer Science (ABET Accredited Program)

May 20XX

Towson University, Towson, MD

GPA: 3.X/4.0 & Dean's List: Spring 20XX

Related Coursework: Computer Systems Performance Analysis; Network Security (in progress); Software Development; Data Structures and Algorithm Analysis; Programming Languages; Operating Systems; Scientific Modeling and Simulation; Differential Equations; Fiscal & Monetary Policy

RELEVANT EXPERIENCE

Student Webmaster, Towson University, Towson, MD

Sep 20XX – present

- Maintain and secure a university website serving 20,000+ students using Linux, Apache, MySQL, and PHP, resolving xx% of reported issues within xx hours
- Automated weekly content deployments with Bash scripts & Git version control, reducing manual update time by xx%

Software Developer, Brown Environmental Center, Towson, MD

May 20XX – Aug 20XX

- Designed and developed a Java-based keyword and phrase search module for a database of 10,000+ records, cutting average retrieval time from minutes to under five seconds
- Packaged the module as a standalone, containerized (Docker) component, enabling integration with existing systems and future scalability
- Gathered and communicated requirements from five stakeholders and delivered working prototypes in two-week Agile sprints, incorporating feedback each iteration

Undergraduate Researcher, Computer Science Department, Towson University, Towson, MD

Aug 20XX – Dec 20XX

- Collaborated with a three-member engineering team to design and develop a non-invasive wireless sensor network for environmental monitoring
- Deployed and tested the wireless sensor network in a local lizard habitat, collecting 250,000+ environmental data points and analyzing results with Python (Pandas, NumPy)
- Presented progress, testing results and technical recommendations to faculty, informing three design revisions that improved battery life by 25%

Tutor and Grader, Computer Science Department, Towson, MD

Jun 20XX – Aug 20XX

- Tutored and graded 30+ students in Java, Python, and data structures through one-on-one sessions, adapting instruction to diverse learning needs and providing written feedback that improved average resubmission scores by one letter grade

PROJECT EXPERIENCE

Course Planner Web App (github.com/username/course-planner)

May 20XX

Built a full-stack degree-plan tool with React, Node.js, Express, and PostgreSQL; AWS deployed with a GitHub Actions CI/CD pipeline

Campus Events Chatbot

Feb 20XX

Developed a Python chatbot using a large language model (LLM) API with RAG over campus event data; 100+ student users in pilot

ACTIVITIES AND AFFILIATIONS

Software Engineering Clube, Member Towson University, Towson, MD

Jan 20XX – present

Upsilon Phi Epsilon Honor Society, Member Towson University, Towson, MD

Sept 20XX – present