**Christian Madajski**

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[LinkedIn](https://www.linkedin.com/in/cmadajsk/) | [GitHub](https://github.com/cmadajski)  | [Portfolio](http://194.195.210.137/)

EDUCATION

**University of North Carolina at Charlotte** May 2022

*Bachelor of Science in Computer Science, Minor in Mathematics (GPA: 3.2)*

PROJECTS

**Niner Miner** | [GitHub Repo](https://github.com/cmadajski/niner_miner) May 2022

*E-commerce application that provides a platform for purchase and sale of goods for students at UNC Charlotte*

*Stack: Python, Flask, Flask-SQLAlchemy, Nginx, Gunicorn, Supervisord, UFW, Bash, Selenium, HTML, CSS, Javascript*

* Constructed CRUD API calls to serve HTML templates in response to incoming HTTP requests
* Configured SQLAlchemy database with models for tracking users, purchases, and items
* Deployed app to Heroku using Gunicorn as WSGI middleware
* Architected Bash shell scripts to automate app installation, database management, and error logging
* Utilized Agile practices to coordinate app development, distribute development tasks, and overcome obstacles
* Programmed automated tests with Selenium to test app stability and measure performance statistics
* Coordinated with teammates to analyze app-breaking bugs and develop solutions to restore function

**My Portfolio Website** | [Visit](http://194.195.210.137/) Dec 2022

*Web app for asking questions and getting crowdsourced answers from other users, similar to Stack Overflow*

*Stack: HTML, CSS, Nginx, Python, Django, Fedora Server, Inkscape*

* Configured a Linode Nanode server with Fedora Server and managed firewalls, cron jobs, and services
* Installed, configured, and managed nginx to serve static files and pass request to Django via proxy
* Designed and implemented HTML and CSS files to create a professional looking portfolio website
* Created custom SVG graphics to enhance the graphical presentation and broaden my skill set
* Integrated OpenAI services such as ChatGPT, Whisper, and DALL-E via their API to enhance functionality

EXPERIENCE

**Wells Fargo** Sep 2022 - Jan 2023

*Charlotte, NC*

Software Engineer I

* Constructed microservice backends using Django REST Framework in an effort to modernize the codebase
* Implemented regression testing automation using Robot Framework and Apache Airflow
* Investigated and strategized to update existing enterprise systems to Apache Iceberg table format
* Assisted in the migration of on-premise enterprise assets to cloud computing with Google Cloud Platform
* Coordinated with dev team to identify and prioritize future improvements to enterprise architecture
* Communicated with interdisciplinary teams to resolve platform issues and ensure customer satisfaction

**Euclid Innovations** Aug 2022 - Sep 2022

*Charlotte, NC*

Python Developer Intern

* Implemented data structures (linked list, stacks, queues, binary trees) to structure data
* Developed algorithms to search, sort, and traverse user-defined data structures
* Leveraged libraries like Numpy and Pandas to process datasets from various files (txt, csv, db, etc)
* Used Flask and Django to display dynamic HTML templates and create public API endpoints

SKILLS

* **Programming**: Python, Bash, Pandas, Numpy, Javascript, Robot, Java, MatPlotLib
* **Database:** PostgreSQL, MySQL, MongoDB
* **Cloud/OS**: AWS, GCP, Linux, RHEL
* **Software**: Git, GitHub, Docker, Selenium, Postman, VSCode, PyCharm
* **Concepts**: OOP, SOLID, REST, APIs,