

CHRISTIAN MADAJSKI

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

EDUCATION

University of North Carolina at Charlotte

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

May 2022

PROJECTS

Niner Miner | [GitHub Repo](#)

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, Supervisor, 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](#)

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

Charlotte, NC

Sep 2022 - Jan 2023

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

Charlotte, NC

Aug 2022 - Sep 2022

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,