# CHRISTIAN MADAJSKI

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## EDUCATION

**University of North Carolina at Charlotte**                                                                 May 2022
*Bachelor of Science in Computer Science, Minor in Mathematics (GPA: 3.2)*

## PROJECTS

**Niner Miner** | https://github.com/cmadajski/niner_miner | Deployed Application              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

**Ask&Answer** | https://github.com/cmadajski/3155Project                                           Dec 2021
*Web app for asking questions and getting crowdsourced answers from other users, similar to Stack Overflow*
*Stack: Bulma, Python, Flask, SQLAlchemy, Bash, HTML, CSS, Javascript*
- Constructed CRUD API calls to serve HTML templates in response to incoming HTTP requests
- Configured a SQLAlchemy database with models for tracking users, groups, and message threads
- Implemented Agile practices to organize app development and hold members accountable for their work

## EXPERIENCE

**Euclid Innovations**                                                                                    Aug 2022 - Present
*Charlotte, NC*
Python Developer Intern
- Reviewed Python fundamentals (variables, conditionals, loops, built-ins, OOPs, OS integration)
- 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 microframework to display HTML pages and create public API endpoints

**Choice Beverage LLC**                                                                                 Jul 2021 – Present
*Charlotte, NC*
Weekend Merchandiser
- Merchandised non-alcoholic beverages in major grocery store chains
- Communicated with store management to achieve KPIs and resolve issues
- Optimized working routes to decrease distances traveled and save on gas expenses

**Food Lion LLC**                                                                                          May 2019 – Jul 2021
*Charlotte, NC*
Perishable Department Manager
- Managed meat, frozen, and dairy departments in a major grocery store chain
- Ordered, merchandised, and inventoried all incoming and outgoing perishable products
- Interviewed candidates and trained new employees to execute department skills

## SKILLS

- **Programming**: Python, Flask, FastAPI, Numpy, Pandas, Java, C
- **Database:** PostgreSQL, MySQL, MongoDB
- **Cloud/OS**: AWS, Azure, Linux, Ubuntu, Bash
- **Software**: Git, GitHub, Docker, Selenium, Postman