

Nicholas Saylor

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Objective

- Seeking Full-Time Entry-Level position in Computer Science or Economics fields

Education

The Pennsylvania State University, University Park

3.42 GPA

Bachelor of Science in Computer Science

May 2024

Bachelor of Science in Economics

Minor in Computer Engineering

- Completing extensive and rigorous coursework with honors distinction

Projects

Archipelago Multi-Game Randomizer and Server

- Improving UX through work on documentation for end-user
- Operating within integrated PyCharm environment to test changes to web server locally before submitting for code review
- Collaborating with various developers and admins to ensure all information is both correct and meaningful to users
- Notable technologies: Python, Flask, Javascript, Git + Github, HTML+CSS, Markdown
- Source code can be found at github.com/ArchipelagoMW/Archipelago

LionAuction Website

- Created an imitation auction website designed to be used by students of a university and local vendors
- Developed a database schema independently based off of a business pitch provided by a fictional investor
- Notable technologies: Python, Flask, SQL, Jinja2, Bootstrap, HTML + CSS, Git + Github
- Source code and schema available upon request

Crypto Idle

- Completed cooperative project in Java using the Java Swing and AWT packages to create an incremental game centered around the theme of cryptocurrency mining
- Collaborated with development team using Github in order to submit changes to the project
- Final product and source code can be found at github.com/tyty4646/CryptoIdle

Verilog Projects

- Assembled small collection of various Verilog modules that have combinational and sequential logic for real-world application such as an elevator, traffic light controller, or USB interface
- All source code can be found at github.com/nicholassaylor/VerilogProjects

Skills

- Microsoft Office: Word, Excel, Powerpoint, Outlook
- Programming Languages: Python, Java, C++, C, Verilog, HTML, CSS, SQL
- Platforms: Windows, Linux, Github, Git, Vivado, VirtualBox, PyCharm