Evan Yang

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EDUCATION

Purdue University
College of Science
BS in Computer Science
2020 - Expected Spring 2023
West Lafayette, IN
CGPA: 3.96

Maine South High School
2016 - 2020
Park Ridge, IL
CGPA: 3.91

SKILLS

Languages:
C++, Python, Java, JavaScript
HTML+CSS, C, LaTeX, SQL
Tools & Environments:
Git, Unix/Linux, Windows, Vim,
Node.js, GNU, AWS, DigitalOcean
Frameworks & Databases:
Vue.js, MongoDB, MySQL, Flask,
Django, Spring
Concepts & Practices
Agile, Design Thinking

COURSEWORK

Computer Architecture
Computer Networking
Object-Oriented Programming
Programming in C
Discrete Mathematics

ACTIVITIES

Purdue ICPC
LaunchPad
Hack The Future

EXPERIENCE

College of Science Office of Data Management | Data Assistant
 August 2021 - Ongoing
Performed data collection, cleaning, and manipulation using NumPy and Pandas. Maintained security of sensitive data. Created and updated administrative reports and dashboards in Tableau and Excel, validated records and reports, and documented reporting and analysis processes.

Purdue Department of CS | Undergraduate Teaching Assistant
 August 2021 - Ongoing
Aided a professor in teaching over 50 students the basics of competitive programming. Performed code reviews, guided students in debugging and analyzing algorithms.

PROJECTS

Youtubify
 June 2021 - Ongoing eyang2020/Youtubify
• A web app for converting a YouTube playlist into a Spotify playlist.
• Setup back-end with cookie-based authentication, added support for YouTube and Spotify APIs.
• Python, Flask, HTML+CSS, YouTube & Spotify APIs

Kurisu
 April 2021 - August 2021 eyang2020/Kurisu
• An all-purpose bot that integrates Reddit and a virtual economy into Discord.
• Configured back-end server connection and Reddit integration, arranged front-end design and structure, sharded bot internally to handle multiple requests.
• Python, MongoDB, discord.py, AWS, Bash, Linux
• Used in over 100 servers that support 180,000 unique users.

Super Awesome Chat App
 December 2020 eyang2020/Super-Awesome-Chat-App
• A concurrent messaging application that supports direct and group messages, persistent data, and account security.
• Implemented messaging system, formatted project structure, wrote and ran unit tests on GUI and multi-threading, led teammates through the Agile workflow.
• Java, Swing, Multi-threading & Networking