

Grant B. Carr

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Education

Michigan State University, East Lansing, MI

Dec 2023

College of Engineering

Bachelor of Science, Computer Science Engineering

Cumulative GPA: 4.00/4.00

Experience

Amazon, Core Machine Learning Services, Tempe, AZ

May 2023 – August 2023

Intern, Software Engineer, Feature Access and Management (FAM)

- Developed an Amazon Web Services (AWS) SageMaker Feature Store Adapter within FeatureHub facilitating migration of feature storage and retrieval to SageMaker in support of Selling Partner Services (SPS) three-year architecture plan.
- Led weekly progress updates and dual-team sync-ups assisting project cooperation and coordination between FAM and On-The-Fly Compute (OTF) teams.
- Leveraged AWS for designing permission strategy setup across FAM and OTF teams, building metrics, and emitting logs.

Humana, Humana Insurance, Louisville, KY

May 2022 – April 2023

Intern, Software Engineer, Spending Accounts Administration (SPAA)

- Utilized cloud functionality to provide Humana's teams with the ability to show members, agents, and call center representatives a member's spending account information from their preferred tool sets in real time.
- Created a series of high reliability and performance driven REST APIs focused on card and account information that could integrate with Alegeus (spending accounts vendor).
- Built both a release pipeline to deploy APIs to the Google Cloud Platform and build pipelines in Microsoft Azure.

Michigan State University, CSE Department, East Lansing, MI

January 2021 – Present

Teaching Assistant of CSE 102: Algorithmic Thinking and Programming

- Encouraged around 30 students to problem solve and understand concepts as a class lead.
 - Developed coding projects including writing solution code, test cases, and descriptions.
 - Proofread exams and gave thoughtful feedback.
 - Provided Python Coding training support to over 15 students in a "reverse" classroom atmosphere.
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Activities, Skills and Honors

- MSU Dean's List
 - Well-versed in Python and C++ languages
 - Knowledge in Java, C, and Node.js languages
 - Experience with Google Cloud Platform, Microsoft Azure, and Amazon Web Services
 - Strong leadership and problem solving skills
 - Communication and time management
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Projects

- Sparty Gnome
 - Worked in a scrum environment to create a game like Super Mario Run.
 - Implemented functionality of levels, items, and consumables.
 - Participated as sprint lead, sprint member, and scribe.
- Harold's Frankenstein Infernal Laboratory
 - Designed a significant system as a group, implemented it individually.
 - Integrated the laboratory system into an existing system, the Canadian Experience.
 - Awarded for the creation of the best movie.