

Nicholaus Mayes

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EDUCATION

University Of Houston

Expected Graduation 2027

- Major: B.S. in Computer Science
- GPA: 3.3
- Relevant Coursework: COSC 1336 - Computer Science & Programming (Python), COSC 1437 - Introduction to Programming (C++), COSC 2436 - Programming and Data Structures (C++)

TECHNICAL SKILLS

Computer Programs: Visual Studio Code, Github, Bitbucket, Docker

Programming Languages: Python, C++, Java, Javascript, Typescript, HTML, CSS, React, Node.js

Other Skills: Leadership, Project Management, Customer Service, Problem-Solving

PROFESSIONAL & TECHNICAL EXPERIENCE

Atlassian

2023 - 2025

Software Engineer Intern- Remote (Summer 2025)

- Collaborated within a 3-person intern pod to enhance search functionality in Team Calendar, enabling previously unsearchable components to be fully indexed and queryable (VS Code, Typescript, Node.js, HTML)
- Designed and implemented a natural language processing feature that translates user-inputted plain English into Jira Query Language (JQL), improving user accessibility and productivity
- Used a feature gate to slowly release new features and tracked for any errors or unexpected problems during the rollout

Data Engineer Intern- Remote (Summer 2024)

- Converted a daily running Directed Acyclic Graph (DAG) from a job cluster to a SQL warehouse, resulting in an 87% reduction in daily operational costs (VS Code, Databricks, MWAA)
- Managed the deployment of tables to production using Slowly Changing Dimension (SCD) Type 2 techniques, ensuring accurate historical data tracking and consistency
- Manually tested edge cases in data pipelines and processes to ensure robustness and reliability before deployment
- Engaged in daily stand-up meetings and team sprints to align on goals, address issues, and provide updates on progress

Software Engineer Intern -Remote (Summer 2023)

- Programmed and developed new features for Bitbucket, focusing on improving user experience and operational efficiency (VS Code, Typescript, Python, HTML, Javascript, React, Node.js, and Docker)
- Conducted and created testing using pytest, ensuring robustness and reliability of new features before deployment
- Participated in code reviews with senior developers, gaining insight on best coding practices and making improvements based on feedback
- Collaborated in daily stand-up meetings and team sprints, collaborated in an agile manner

Apple

2024

Technical Support Advisor- Remote

- Deliver exceptional technical support for Apple products, ensuring a high satisfaction rate among users
- Utilize Apple's technology and tools to troubleshoot and resolve customer issues, demonstrating a deep understanding of system diagnostics

Code2College

2022 - 2023

Elite102 - Participant

- Completed 4-week SQL and Python programming course, building a Banking System project with database, while improving presentation skills and professionalism

Elite101 - Participant

- Invited among 300 participants to a technical internship preparation program, learning Git, Jira, team collaboration via Miro, source control, basic software testing, and developing a Python Chat Bot simulating user conversations

Bootcamp - Participant

- 9 week web programming course including basic and advanced Python concepts and technical portfolio development

H-E-B - Cashier

2021 - Present

- Managed H-E-B register 30 hours weekly, handling cash, credit, and debit transactions accurately while serving 400+ customers daily.

LEADERSHIP & COMMUNITY SERVICE EXPERIENCE

Stockyard BBQ - Volunteer

2021 - Current