Jacob Wit

jacobwit2023@u.northwestern.edu • 630-360-5396
251 E Van Buren, Elmhurst, Il • https://www.linkedin.com/in/jacob-wit-10529b1aa/

EDUCATION

Northwestern University, Evanston, Il   Anticipated June 2023
B.S. Computer Science, Economics
GPA: 3.91/4.00, Honors 7 of 9 Quarters
Relevant Coursework: Databases, AI, ML, Data Structures, Web Development, Algorithms, Online Markets

WORK EXPERIENCE

Microsoft, Redmond, WA   June 2022 – September 2022
Software Engineering Intern
- Writing scenario tests for Microsoft Managed Desktops
- Using Azure Synthetics to deploy the tests and simulate repeated customer activity
- Building a new API endpoint and writing unit tests to verify its functionality
- Documenting and presenting work to team members and department leaders

CCL Lab and Xalgorithms Foundation, Remote   June 2020 - Present
Research assistant and contract-based researcher
- Building agent-based models using NetLogo to study the potential effects of new financial systems
- Analyzing model output using Numpy and Jupyter Notebooks
- Preparing presentations to explain our work to external parties

United Airlines, Chicago, IL   June 2021 - September 2021
Digital Technology Intern
- Used AWS Neptune, DynamoDB, Event Bridge, EC2 and Lambda to build a cloud migration app
- Lead an intern team on a case study project to develop a data processing and visualization tool and gave a formal presentation to senior leadership detailing our final prototype
- Assisted with the launch of a system at Newark, NJ Airport, helped customers use it during check-in
- Networked with team members and leaders

OTHER EXPERIENCE

Northwestern Club Golf, Evanston, IL   September 2019 - Present
President
- Responsible for determining the direction of the club
- Responsible for organizing club practices and events
- Responsible for managing and meeting with the executive board

Northwestern Club Tennis, Evanston, IL   September 2019 – Present
Social Chair
- Responsible for organizing social events for the club
- Responsible for running practices
- Meeting with the executive board

SKILLS

Programming Languages: Python (adv.), Java (adv.), SQL (adv.), C#(adv.), Gremlin, C/C++, JavaScript, R
Computer applications: AWS (adv.), Eclipse (adv.), Autodesk, CLion, VS Code, Azure