Gabriel J. Grais

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Education

University of Illinois Urbana-Champaign December 2023

Bachelor of Science in Computer Science, Dean's List 2023 GPA: 3.75

Relevant Coursework: Algorithms and Models of Computation, Database Systems, Data Structures, Software Design

Technical Skills

Languages: C, C++, Java, Javascript, Python, SQL, VBScript

Tools: AWS Certified Cloud Practitioner, Android Studio, Firebase, Flask, Git, Google Cloud Platform, Linux, PostgreSQL

Experience

State Farm: Enterprise Technology Intern | Javascript, Python May 2022 - August 2022

Champaign, Illinois

- Developed a chatbot interface using Flask to improve marketing outcomes for State Farm Agents
- Collaborated with teammates and followed Agile Methodology for programming
- Presented our project to executives in the Summer Showcase event

Studio Technologies Inc: Software Intern | C, VBScript, Python June 2017 - August 2023

Skokie, Illinois

- Created a Python application to program and license products containing Dante Broadway chips
- Developed VBScript applications for calibrating and operating testing hardware
- Upgraded test procedures to automate repetitive tasks using VBScript

Introduction to Computer Science: Course Assistant | Java August 2021 - May 2022

University of Illinois Urbana-Champaign

- Assisted students in learning Java through tutoring hours sessions
- Created guided solution videos for course material
- Answered students' questions in the course forum

Personal Projects

Project:Code: Data Visualization Project Manager | Python, Javascript September 2020 - Present

University of Illinois Urbana-Champaign

- Led the Data Visualization team as the Project Manager of the Mood Tracker web app
- Collaborated on Illinois COVID-19 Visualization website using Flask
- Mapped Illinois county borders to create an interactive location selector

Vote2Grow: Creator | Python, Javascript, SQL August 2018 - Present

www.Vote2Grow.com

- Created a Flask web app hosted on AWS, allowing users to water a houseplant democratically
- Stored and retrieved live moisture, humidity, temperature, and vote counts with PostgreSQL
- Users kept a Fittonia 'Nerve Plant' alive for over four years without intervention

Interests

3D Design/Printing, Escape Rooms, Fountain Pen Restoration, Gardening, Photography, Puzzles, Tennis