

# Gabriel J. Grais

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## Education

**University of Illinois Urbana-Champaign**

*December 2023*

*Bachelor of Science in Computer Science*

*GPA: 3.75*

### Relevant Coursework:

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

## 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 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 in an agile environment
- Presented our project to executives in the Summer Showcase event

**Studio Technologies Inc. Intern | C, VBScript, Python**

*June 2017 - January 2022*

*Skokie, Illinois*

- Created a Python script to automate the programming and licensing of Dante Broadway chips
- Contributed to the debugging process in a C program from an international company
- Developed a VBScript program for calibrating and operating testing hardware
- Upgraded VBScript test procedures to automate repetitive tasks using VBScript

**Intro 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

## Personal Projects

**Vote2Grow | Python, Javascript, SQL**

*August 2018 - Present*

*www.Vote2Grow.com*

- Created a Flask website, 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

**Project:Code Data Visualization | Python, Javascript**

*September 2020 - September 2021*

*University of Illinois Urbana-Champaign*

- Collaborated on Illinois COVID-19 Visualization website using Flask
- Mapped Illinois county borders to create an interactive location selector

## Interests

3D Design/Printing, Fountain Pen Restoration, Gardening, Home Automation, Photography, Tennis