

Tyler Venzen

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EDUCATION

University at Albany (SUNY)

Bachelor of Science in Computer Science, Minor in Math

Albany, NY

May 2021

WORK EXPERIENCE

Full Stack Developer Intern

Pantsuit Professionals

September 2021 – Present

New York, NY

- Collaborate with UI/UX and Full Stack Engineering teams
- Generate, develop and implement web pages using Angular

Receptionist

The Grove at Valhalla

January 2021 – Present

Valhalla, NY

- Received calls and directed them to appropriate parties, recorded messages for those unavailable, and other tasks
- Assured incoming staff was screened daily
- Assisted patients when needed

PROJECTS

LocaNotes - Backend | JavaScript, Express.js, MongoDB

February 2021 – May 2021

- Collaborated in the creation of a social media app that combines note organization by location and public sharing and posting of notes
- Used GitHub for version control
- Development process incorporated the Agile methodology
- Used Express.js to interact with MongoDB to manage all data interactions of the product

Multimodal Calculator | Java, Abstract Window Toolkit(AWT), Java Swing

April 2021

- With one other, developed a calculator that handles Text-to-Speech and Speech-to-Text
- TTS and STT capabilities powered by Microsoft's Speech SDK
- Software was created with the Model-View-Controller software pattern

PAC Book | Java, Abstract Window Toolkit(AWT), Java Swing

March 2021

- Created a program that has a GUI that allows you to turn pages with buttons and updates the view of the GUI
- Software was created with the Presentation-Abstraction-Control software pattern

See02 Site | HTML, CSS, JavaScript

June 2020

- Created a website that allows a user to input values to calculate the amount of CO2 their car emits per year
- Collaborated with two others
- Established regular meetings and a road map to completion

TECHNICAL SKILLS

Languages: Java(Proficient), Python(Prior Experience), SQL(Prior Experience), JavaScript(Prior Experience), HTML/CSS, Angular

Other: Bash, MongoDB, Express.js, GitHub, Eclipse IDE, Visual Studio Code

Relevant Classes: Data Structures, Database Systems, Design and Analysis of Algorithms, Human-Computer Interaction, Software Engineering, Semantic Web Technologies, Finite Automata and Formal Languages

ORGANIZATIONS

IEEE UAlbany

University at Albany

Fall 2020

Albany, NY

- Attended educational presentations about new technologies
- Attending coding workshops to gain more experience

Cyber Defense Organizaiton

University at Albany

Fall 2019 – Spring 2020

Albany, NY

- Learned about Ethical Hacking to be used in hacking competitions
- Participated in offensive hacking meetings to learn to hack into opposing network users