Justin Lauinger

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EDUCATION

University of Illinois at Urbana-Champaign　　　　　　　**Expected Graduation: May 2027**
Grainger College Of Engineering, Computer Science, BS　　　　　　　GPA: 3.5/4.0

PROJECTS

Trade Lens
AI Financial Stock Assistant Chatbot　　　　　　　*August 2024 – Current*
- Built a GPT-powered financial assistant chatbot using **OpenAI's GPT 3.5**, enabling natural language queries
- Integrated **Yahoo Finance API** with custom python tools (**sma**, **macd**, etc) to call real time stock information
- Designed a two step pipeline where GPT plans, tools compute, and GPT delivers context aware answers

Breath Buddy
Mobile Habit Breaker App　　　　　　　*May 2025 – Current*
- Developing a mobile app to help users quit smoking by tracking abstinence time through emotional goal tracking
- Utilizes **Flutter** mobile development framework for front and backend development
- Implemented **Hive local storage**, **Firebase authentication**, and time-based progression system

LEADERSHIP AND AFFILIATIONS

Illinois CS Sail　　　　　　　**Champaign-Urbana, Illinois**
Operations director　　　　　　　*September 2024 – April 2025*
- Partnered with UIUC administrators to run outreach campaigns to drive high school engagement in computer science
- Leveraged data tracking and cross-team coordination to optimize registration outcomes
- Collaborated with a team of 12 to strategize and coordinate efficient marketing strategies

Delta Upsilon International Fraternity　　　　　　　**Champaign-Urbana, Illinois**
VP of External Relations　　　　　　　*Dec 2024 – Present*
- Directed a roughly $10,000 semesterly budget using data-driven allocation and optimized budgeting strategies
- Work and communicate with social chairs of other Greek life associations to orchestrate external fraternity events
- Coordinated and scheduled 30+ events per semester with 15 separate Greek organizations

Cancer Kids First Illinois　　　　　　　**Lincolnshire, Illinois**
Head of Technology　　　　　　　*October 2022 – July 2024*
- Utilized **HTML/CSS** to create and manage an informational website for the Illinois chapter of Cancer Kids First
- Worked with a diverse team to raise over $1,500 towards improving normalcy within youth cancer patients' lives
- Learned skills in website design as well as in team collaboration towards a common goal

WORK EXPERIENCE

Code Ninjas　　　　　　　**Long Grove, Illinois**
Head Code Instructor　　　　　　　*March 2022 – August 2024*
- Taught children ages 8-16 how to develop video games using JavaScript, C#, Roblox Lua, and block coding
- Collaborated with other computer science instructors to prepare and present CS lesson plans
- Managed a team of 2-3 instructors every shift by managing assignments and addressing team queries

Which Wich　　　　　　　**Arlington Heights, Illinois**
Crew Member　　　　　　　*June 2021 – January 2022*
- Collaborated with coworkers to process and prepare 50+ sandwich orders every hour
- Fostered a friendly yet professional and efficient work environment for customers and coworkers
- Utilized time management and multitasking skills to balance orders with customer service

SKILLS / INTERESTS

•C++ •Java Script •Java •HTML5/CSS •Python •Flutter •Dart •Vue JS •TensorFlow •Unreal Engine
•Woodworking •Raquet Sports •Video Editing •Game Development •Weightlifting •Astronomy