Max Weinreb

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EDUCATION

University of Texas at Austin — Austin, TX
Bachelor of Science in Computer Science, Minor in Business — *Aug. 2021 – May 2025*
GPA: 3.95

EXPERIENCE

Epic — May 2023 – August 2023
Software Developer Intern — *Madison, WI*
- Created mapping software that decreased daily nurse workflow time from 15 minutes to 5 seconds for at risk patients
- Designed the full stack mapping web-app integrating C# server components from across company teams
- Developed real-time display of patient locations and crucial health data from customer feedback with React and C#
- Conducted regular meetings with hospital executives and nurse staff to identify user needs and pain points

Lyniate — June 2022 – August 2022
Software Engineer Intern — *Austin, TX*
- Developed a graph of critical AWS resources to identify and remove unused and costly business infrastructure
- Designed the resource graph with a .NET webserver and a backend Neptune server, Lambdas, and API Gateway
- Built a RESTful API to transfer JWT tokens and speed up customer workflows by eliminating redundant logins

Fiverr — June 2020 – March 2021
Stock Research Freelancer — *Austin, TX*
- Ran a freelancing business providing stock market research through MaxTrade, proprietary software I created
- Designed program in Python to detect technical stock trends and notify through email, with output sold as subscription
- Gained more than 200 total subscribers receiving daily emails with option buy/sell signals

PROJECTS

Raindrop | *NLP, Full Stack Development, React, Firebase, Google Cloud, UX Design* — February 2023 – Present
- Created a platform to automatically track job applications from emails and uncover companies that ghost applicants
- Deployed custom trained sentence transformer classifier that identifies application email stages with 94% accuracy
- Extract job application information from emails with custom NER model and import to user dashboards
- Aggregated never before seen statistics like average company response time and ghosting probability from user data

Surge Protector | *Pytorch, OpenCV, Matplotlib, React, JavaScript* — March 2023
- Detecting and preventing crowd surges using computer vision and drones with a dashboard for event organizers
- Deployed a dilated CNN to detect most dense areas in crowds, OpenCV with custom thresholds to find bounding boxes
- Custom dashboard to alert event organizers and prevent disaster made in React, with MongoDB for drone location

UT Course Scheduler | *Web Automation, Chrome Extension Dev., Web Design* — December 2023 – February 2023
- Created a chrome extension used by 100s to allow UT students to register for their classes in less than one second
- Reverse-engineered the registration site, automatically registering for requested classes using JavaScript at set time

Printcase | *Peer Review, Stata, Git* — August 2020 – January 2023
- Published peer reviewed paper as first author on a command I developed for Stata, a statistical software package
- Command displays single observations from a dataset into an easy-to-read Word or PDF format, used by researchers

TECHNICAL SKILLS

Languages: JavaScript/Typescript, Python, C#, Java, C, C++, HTML/CSS
Libraries/Frameworks: React, ASP.NET Core, Firebase, Huggingface, OpenCV, Pytorch, Tailwind, Bootstrap
Developer Tools: Git, Docker, Google Cloud Platform, AWS Console, Visual Studio, VSCode, Firebase Console/CLI

LEADERSHIP & AWARDS

Best Hack using AI/ML: Won Stanford Treehacks hackathon award from Pear VC for Surge Protector project
Vice President of Finance: Elected to manage the finances and $40k budget of the Delta Upsilon Fraternity at UT
Cyberpatriot National Finalist: Ranked top 10 in the world out of 3600 teams in the cybersecurity competition