

Max Weinreb

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EDUCATION

The University of Texas at Austin, Austin, TX

May 2024

Bachelor of Science, Computer Science

- GPA: 3.97
- Business Minor
- Relevant Coursework: Data Structures, Computer Architecture, Operating Systems, Linear Algebra, Discrete Math

PROJECTS

Ball Craze

- Created a fun lo-fi inspired mobile game designed in C++ and written with the open source cocos2d-x library published to the app store.
- Skills used: C++ data structures, creating strong UI, publishing apps

Printcase

- A command I developed for Stata, a statistical software package
- Displays single observations from a dataset into an easy-to-read Word or PDF format
- Co-wrote a paper on it which has been accepted to the Stata Journal

SKILLS

Technical/Computer Skills: C#/.NET, Java, Python, JavaScript, C++, AWS Infrastructure

Languages: Native English, Conversational Hebrew

EXPERIENCE

Lyniate: Software Engineering Internship, Austin, TX

June 2022 – August 2022

Software Engineer Intern

- Created a REST API to transfer authentication tokens and speed up customer logins into software
- Developed an AWS resources graph consisting of a Neptune server, multiple Lambdas, and an API gateway which creates a graph of relationships between AWS resources critical to business
- Designed a UI to display the resource relationships in a visually pleasing graph format using .NET core
- Participated in Agile (Scrum) development and in sprint planning meetings and retrospectives
- Skills used: REST API design, C#/.NET, Unit Testing, AWS: EC2; Neptune; Lambda; API Gateway, Agile Development

UChicago Internship, Austin, TX

August 2021 – December 2021

Lead Programmer

- Created printcase, a program to aid in statistical analysis for graduate students and professors at the University of Chicago
- Worked on project planning and meeting guidelines, learning new coding language (Stata)
- Skills used: iterative software development, publishing and editing, developing with new language

Fiverr, Austin, TX

June 2020 – March 2021

Freelancer

- Ran a freelancing business selling stock market research through MaxTrade, a program I created
- Designed program in Python, and output sold as monthly subscription
- Gained more than 200 total subscribers
- Skills used: python, data analysis

LEADERSHIP & COMMUNITY INVOLVEMENT

Cyberpatriots, Austin, TX

August 2017 – March 2021

Team member

- Ranked top 10 in the world and 1st in Texas out of more than 3600 teams in the cybersecurity competition in 2021.
- Gained expertise in Windows Server security
- Created scripts to solve vulnerabilities and protect against attacks

UT Programming Competition (UTPC), Austin, TX

August 2021 – Present

Competitor

- Compete in biweekly competitive programming competitions
- Learn and develop understanding of algorithms and programming techniques
- Collaborate with friends on teams