

Orr Shalev

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TypeScript	Machine Learning	C# / .NET	React.js	Java
C / C++	Unity Engine	AWS Lightsail	Python	Bilingual (Hebrew)
Agile	SQL	Unix / Linux	Node.js / Express.js	Git / GitHub
OpenXR	VS / VSCode	Spark / PySpark	JavaScript / jQuery	HTML/CSS

EDUCATION

The University of Georgia, Athens, GA May 2023 (Bachelor)

- **Majors:** Bachelor of Science in Computer Science, Master of Science in Computer Science May 2024 (Master)
- **GPA:** 3.93/4.00
- **Honors:** Dean's List (2 Semesters), Zell Miller Scholarship (Full Tuition)
- **Relevant Coursework:** Faculty Mentored Research (VR), Virtual Reality, Data Structures, Computer Architecture and Organization, Computer Graphics, Systems Programming, Programming and Data Literacy using R, Software Development

PROFESSIONAL EXPERIENCE

AI & Data Science Analyst, JPMorgan Chase & Co., Plano, TX June 2022 – August 2022

- Developed unsupervised learning models and cluster profiling to support One Chase initiative
- Reported results to stakeholders and senior leadership from distinct parts of the organization
- Created visualizations to carve out important Chase branch segments using Plotly in Python
- Implemented novel approaches for cluster-based data mining and made reusable using object-oriented principles
- Contributed to Data for Good initiative by crafting policy suggestions to tackle rising house prices

Tutor, Self Employed, Johns Creek, GA August 2018 - Present

- Assisted an average of 5 students per week achieve academic success by adapting to different needs
- Taught high school level mathematics, English, history, economics, biology, and chemistry
- Every student improved by at least 5 points on overall grade

HONORS & AWARDS

Undergraduate Runner Up @ Data Science Competition 2021, University of Georgia, Athens, GA April 2021

- Team-lead of group of 4 individuals from distinct fields
- Built machine learning models for credit card application approval
- Utilized Python3 ML packages such as Pandas and Scikit-learn
- Won cash prize and presented at industry event for leaders in field (i.e. Wells Fargo, Home Depot)

The Hollingsworth Award, University of Georgia, Athens, GA April 2022

- Award granted by the University of Georgia Department of Mathematics
- Granted “for excellence in undergraduate mathematics studies”
- Top students in selected mathematics courses are chosen to receive award

LEADERSHIP & RELEVANT EXPERIENCE

Undergraduate VR Researcher, University of Georgia, Athens, GA August 2022 - Present

- Developing Unity Engine VR application in collaboration with schools of computing, music, and engineering
- Leveraging analytics of user biometric data in order to combat performance anxiety in professional vocalizers
- Leading software engineering of project as well as experimental design

Math Toolbox, www.mathtoolbox.co, Athens, GA October 2021 - Present

- Created & maintained full-stack education-oriented website
- React.js / Bootstrap framework for frontend, Node.js/Express.js for backend
- Self-managed project based on mathematical tools used in own undergraduate studies

Terry FinTech Society, Director of Events, Athens, GA June 2022 - Present

- Organizes social and professional events for interdisciplinary group of like-minded students
- Key contributor to corporate outreach and networking
- Gained key public speaking abilities through recruiting and organizing events for over 200 new members

Tau Epsilon Phi Fraternity, Scholarship Committee & Food Steward, Athens, GA August 2020 - Present

- Contributes to the organization of philanthropy events, raising money for organizations such as Will to Live
- Helps members register for classes to achieve academic success as part of scholarship program
- Works with catering company to deliver catering services to 70 members of fraternity

Quantitative Trading Algorithm, Athens, GA February 2021

- Created algorithm for automatically buying and selling financial securities & used with own investments
- Implemented algorithm with Python script utilizing pair-trade strategy

INTERESTS

Traveling, percussion instruments, science/ math education, weight training, video games