TOMER SHMUL

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EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY, College of Computing   **Atlanta, Georgia**
Bachelor of Science in Computer Science   *May 2024*
- Concentrations: Information Internetworks & Human-Computer Interaction   GPA: 4.0
- Minor: Computing & Business through the Denning Technology & Management Program
- Barcelona Computer Science Study Abroad Program Summer 2022
- Grand Challenges Living Learning Community
- Relevant Coursework: Objects & Design, Data Structures & Algorithms, User Interface Design, Database Systems

PROJECTS

MetroLine UI/UX Design   *June 2022 – Present*
- Surveyed, observed, and interviewed 50+ potential end-users to identify key problems in Barcelona's transportation system
- Designing a UX / UI for the Barcelona metro kiosk, simplifying visitor interactions and reducing screentime by 50%

Meal Planner Application   *June 2022 – Present*
- Architected a database thru MySQL by creating an ER model, relational database schema, and SQL queries for transactions
- Creating a web GUI to handle numerous features such as owning products, creating recipes, store grocery runs, etc.

Talk GT Website (talkgt.com)   *December 2021 – June 2022*
- Created a web application hosted through Amplify AWS to support students' posts with replies, voting, resolving features
- Architected relational database system and user authentication backend displayed through a responsive React JS frontend

Hive Tower Defense Game   *January – May 2022*
- Built an Android mobile application using Java for a tower defense game with a team of 4 peers
- Implemented appropriate programming design principles, unit testing, Agile methodology to deliver continuous milestones

DriveWay Grand Challenges Project   *September 2021 – April 2022*
- Conducted market research on distracted driving through 20+ interviews with experts and analysis of present solutions
- Pitched a dashboard smart phone mount with proximity detection and analytics for parental control, created 3D model design and Figma prototype for the mobile application; won top 5 out of 20 project teams

PROFESSIONAL EXPERIENCE

INSITE DEVELOPMENT GROUP   **Ft. Lauderdale, Florida**
Finance Intern   *June – August 2020*
- Developed 3 cash flow models for future property acquisitions using projected industry datasets and previous data models
- Created and maintained WordPress web pages to contribute to digital transformation from physical to online presence

BLUE OWL TUTORS LLC   **Weston, Florida**
Chief Executive Officer   *August 2019 – June 2021*
- Recruited and supervised a team of 19 tutors and coordinated with 100+ clients to connect students with tutors
- Developed client acquisition strategy for both in-person and virtual channels to increase customer base
- Managed over $10k revenue per semester, depositing payments from clients and distributing fees to contractors

LEADERSHIP

GEORGIA INSTITUTE OF TECHNOLOGY   **Atlanta, Georgia**
Community Representative / Startup Exchange   *August 2021 – Present*
- Helped organize the Fellowship Pitch Competition, providing startups the opportunity to pitch and receive immediate feedback from 100+ students and multiple expert judges
- Scouting startups across campus to help prepare for their venture capital relationships and fundraising rounds

SKILLS/INTERESTS

Technical: Java, JavaFX, ReactJS, CSS, SQL, MySQL, Agile, Git, Figma, iOS Development, Android Development
Languages: Hebrew – verbally fluent, Spanish – basic, English – native
Skills: Public speaking, organization, communication, team-oriented projects, research
Affiliations: Yellow Jackets Flying Club, 180 Degrees Consulting
Interests: Aviation, scuba diving, traveling, entrepreneurship