

yonatandlurie@outlook.com  
(425) 591-2114

**Yonatan Lurie**  
yonatanlurie.com

github.com/yonilurie  
linkedin.com/in/yonilurie

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## Work Experience

### Full-Stack Software Developer, University of Washington Finance

April 2023 - Present

- Contributed to the launch and evolution of a web application managing \$60M in scholarship funds, independently developing multiple features end-to-end, leading to improvements in user experience and operational efficiency.
- Quickly familiarized myself with the codebase and gained proficiency in key technologies (C#, ASP.NET Core, SSMS, Kendo UI, jQuery) within a month of onboarding, leading to releasing all MVP features on time for deadline.
- Developed a full-stack solution to streamline the reconciliation of financial data mismatches between our application and Workday, enhancing data integrity through integrated validations and user-friendly interfaces.
- Transformed an existing system to support accounting functions by implementing a deposit adjustment feature and several reports, significantly improving financial data management and the versatility of the application.
- Led the quality assurance initiative to dramatically increase xUnit test coverage from 32% to 86%, markedly enhancing code reliability and reducing bug incidence in critical deployments.
- Engaged in all phases of Agile development, including stand-ups, backlog grooming, sprint planning, feature ideation, and additionally advocated for more dedicated implementation of story pointing within our team.

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## Projects

### New York Times Wordle Clone

January 2023

- Replicated the New York Times Wordle game as a dynamic one-page website using React.js.
- Implemented a color-changing keyboard to reflect previous user guesses, added a persistent dark mode toggle for improved user experience, and integrated a feature for players to easily share their game results.

### Boggle

January 2023

- Added highlighting of user-selected letters on the board, providing real-time visual feedback as players form words.
- Designed an algorithm using TypeScript to uncover every word possibility on the Boggle board, complemented by integrating the Free Dictionary API for quick access to word definitions.

### Full-stack website clones during App Academy including Instagram, Reddit, and Airbnb

April 2022 - October 2022

- Developed and deployed multiple full-stack applications to Heroku, adhering to a two-week timeline for each project.
- Created REST APIs using Express.js and Flask and utilized third-party APIs, including AWS S3 and Google Maps.

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## Education

### App Academy | Full-Stack Software Engineering Bootcamp

April 2022 - October 2022

- Full time, immersive bootcamp, with a focus on web development with an acceptance rate of less than 3%.

### The University of Washington, Seattle | BA in Psychology

Class of 2022

- Served as a teaching associate for PSYCH 322, responsible for grading exams and conducting office hours.

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## Technical Skills

**Languages:** JavaScript, TypeScript, SQL, HTML/CSS, C#, Python

**Libraries:** React/Redux, jQuery, Dapper, SQLAlchemy, Sequelize

**Frameworks:** ASP.NET Core, Kendo UI, Express, Flask

**Tools:** Visual Studio/Visual Studio Code, GitHub, Git, Jira, SSMS, Postman