

EXPERIENCE

Freelance Software Developer

March 2020 – Present

Client: Palm 83 | Project: Transoxiana

October 2020 – Present

- Working in a team developing a cross-platform mobile 2D strategy game with Dart, Flutter and Flame game engine.
- Implemented core game UI, integrating game state management with States Rebuilder library.
- Refactored localization code to support string placeholders and provide in-editor string suggestions.
- Fixed several performance issues, resulting in up to a 60% in-game FPS improvement.

Client: Palm 83 | Project: restock (www.restock.life)

March 2020 – June 2020

- Developed backend functionality for a grocery and household inventory mobile app with Cloud Functions for Firebase (in JavaScript).
- Built an API for processing user sharing requests from the mobile app and sending back relevant notifications with Firebase Cloud Messaging.
- Utilized Node.js to create a utility to populate and update Cloud Firestore database with nutritional data from a public API.
- Set up a CI/CD pipeline for the iOS app with Codemagic, saving hours of work.

Private Econometrics Tutor

October 2016 – February 2020

- Taught bachelor-level econometrics (data science for finance/economics) – including programming basics – with EViews statistical package.
- My students had a 95% pass rate at the first exam attempt.

Editor | Vice Editor-in-chief

Tra i Leoni

September 2014 – September 2016

- Led a team of around 20 English-language authors at the Bocconi University student magazine.

Associate QA Engineer | QA Engineer

Symantec Estonia

July 2011 – August 2014

| Senior QA Engineer

- Created and executed test plans for Symantec ITMS systems management software.

EDUCATION

Tallinn University of Technology

September 2019 – Present

- BSc. IT Systems Development

Bocconi University

September 2014 – October 2019

- BSc. International Economics and Finance (*Major: Finance*)

SIDE PROJECTS

Zaino (www.zaino.io)

July 2020 – Present

- Developing a serverless web app for hiking equipment management with Typescript, React and Firebase.
- Added authentication with Google accounts using Firebase Authentication.
- Implemented persistent data storage with Cloud Firestore and local state management with Redux.
- Used Node.js and Cloud Functions for Firebase to process and populate DB with demo equipment data.
- Automated build and deployment process using Webpack, Firebase CLI and npm scripts for separate development and production Firebase environments.

LANGUAGES AND TECHNOLOGIES

- JavaScript, TypeScript • React, Redux, React Router • webpack • npm, Yarn • Firebase (Firestore, Cloud Functions, Authentication) • CSS, SCSS, Bootstrap • Git • Dart, Flutter
- Some familiarity with C#, Java, Python, SQL, shell script.