

Oded Falik

Senior, Computer Science

Seeking: Full-time Software Engineering Positions

Falik.Oded.1@gmail.com

(858) 230-1004

odedfalik.com github.com/odfalik linkedin.com/in/oded-falik

EDUCATION

The University of Texas at Dallas

Bachelor of Science in Computer Science

Major GPA: 3.6

Relevant Courses: Big Data Management and Analytics, Machine Learning, Database Systems, Operating Systems, Advanced Algorithm Design and Analysis, C/C++ Programming in a UNIX Environment, Cybersecurity

Richardson, TX

Graduating May 2021

TECHNICAL SKILLS

Languages: JavaScript/TypeScript, Python, Java, C, C#, HTML, CSS/SASS, SQL, Bash, Rust

Frameworks: Angular, Node.js, Express, Blazor, ASP.NET Core, Pandas, NumPy, Matplotlib, Spark, Hadoop

Tools: Git, Firebase, MongoDB, Google Cloud, BigCommerce, Heroku, Webpack, Azure DevOps, Burp Suite, Linux

EXPERIENCE

ZaynTek

Full-stack Developer (Current Employee)

Plano, TX

January 2021 - Present

- Leading a team of developers focused on the development of a MEAN stack e-commerce store
- Collaborating with senior management and business lines to refine specifications and designs
- Developing SaaS libraries for content management and e-commerce purposes
- Created and deployed a Firebase-to-MongoDB database migration tool for improved queryability and optimized collection searching for company-wide use
- Scaled systems and redesigned databases to efficiently handle many thousands of products
- Built a mission-critical multi-marketplace product inventory management and pricing system

Fornida

Web Developer Internship

Plano, TX

January 2020 - January 2021

- Developed and launched a custom e-commerce website that drove revenue up 30% with a 5% conversion rate
- Collaborated closely with small agile development group daily to implement several MEAN stack web applications that interface with various internal and external APIs
- Implemented various API security features and best practices such as JWT role-based authorization, IDOR lockdown, dynamic rate limiting, query injection filtration
- Built a custom load-balanced server-side rendering pipeline to improve SEO

IN-COM Data Systems

Web Developer Internship

Richardson, TX

June 2018 - January 2019

- Delivered a data management web application to be included in the Smart TS XL Suite using C# ASP.NET Core, jQuery
- Extensively studied software development best practices and design patterns

PROJECTS

Harris Govern Business Personal Property Module; UTD Senior Design Project

- Led a UI team in the development of a robust Blazor module to fit into an existing ASP.NET Core application for business tax appraisal
- Coordinated between mentor, supervisor, UI team, and Data team to ensure completion of the MVP

Thrio.app; 3D mobile-first web app

- Available online for multiplayer gameplay
- Front end built with Angular and 3D rendering with THREE.js
- Authentication, database, and AI running on Firebase

OCR Neural Network; Python

- Custom implementation of a deep neural network to classify images of hand-written digits from a UCI dataset cleaned and preprocessed using Scikit-learn
- Various visualizations of learning and performance using Matplotlib
- Built a classifier using Keras for comparison to the custom neural network