Dr. HALUK ISIK

Geotechnical Researcher
Software Developer

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Portfolio: http://jetsunnalgonda.github.io

PROFILE

Highly motivated and ambitious graduate software engineer specializing in iOS and front-end web development, seeking a challenging role to contribute to the development of world-class mobile apps. Excited to collaborate with experienced engineers and make a real impact on a global scale.

Key Highlights:

- Experienced software developer with expertise in iOS and front-end web development.
- Proficient in Swift, Objective-C, JavaScript, React, and knowledgeable about Bootstrap, Tailwindcss, jQuery.
- Published portfolio of successful apps on the App Store, demonstrating a strong coding proficiency.
- Skilled in creating high-quality, user-friendly applications and responsive interfaces.
- Familiar with modern software development methodologies and best practices.
- Possess excellent presentation and organizational skills developed through academic background, enabling effective collaboration.
- Adaptable to new environments and fluent in multiple languages, facilitating seamless communication in multicultural teams.

EMPLOYMENT HISTORY

Research Assistant at Gaziantep University, Gaziantep

February 2013 — Present

- Designed and conducted laboratory experiments with a large-scale (3mX2mX1.5m) slope box to test the novel shape parameter I created.
- Developed a remote data logger application that runs with an Arduino set-up that delivers real-time data. The motivation of the students was increased and the project led students to produce different ideas for improving the system.
- Developed educational apps for iOS for measuring soil properties (SPT, CPT, sieve analysis). They minimize errors and expedite the calculations. The students' understanding of the tests were increased.
- Given lectures on Computation for Civil Engineers, Statistics for Civil Engineers, Soil Mechanics, Foundation Engineering, Engineering Hydrology, Structural Mechanics to over 5,000 students.

EDUCATION

PhD in Civil Engineering, Gaziantep University, Turkey

February 2013 — October 2022

Computer Programming, Atatürk University, Erzurum

October 2020 — July 2022

Master in Civil Engineering, Istanbul Technical University, Istanbul

February 2007 — July 2013

Civil Engineering, Istanbul Technical University, Istanbul

October 2002 — February 2007

Shawnee Heights High School, Topeka, Kansas, USA

COURSES AND TRAINING

CS193P 2017-2018, Spring 2021 & Spring 2022
Stanford University (Online course)

Web Development (Front-end, full-stack, React)
Traversy Media (Online course)

SKILLS

- Proficient in Objective-C and Swift programming languages
- Strong knowledge of iOS frameworks, including UIKit and Core Data
- Knowledge in Atlassian's Jira, Bitbucket, and Confluence
- Experience with Scrum
- Experience with REST api's
- Solid understanding of software development principles and practices
- Ability to translate functional requirements into efficient and maintainable code
- Troubleshooting and problem-solving skills with attention to detail
- Passionate about staying updated with the latest technological advancements
- Excellent collaboration and communication abilities
- Version control systems (Git)
- Research and trend analysis
- Technical documentation
- Strong GitHub portfolio with 20+ projects showcasing coding proficiency

TECHNICAL SKILLS

- Swift and Objective-C: 3+ of experience with a robust GitHub repository.
- Java: 3+ of experience in developing scalable applications using Java.
- Git: Experience with version control systems for collaborative software development.

PROJECTS

Good Drinks (iOS version)
June 2023 - present
- Technologies: Swift, SwiftUI, Python
- Currently developing an iOS app using Swift and SwiftUI as the primary frameworks.
- Implemented a custom API in Python to fetch and provide real-time data for the app.
- Designing a sleek and intuitive user interface for browsing and exploring a wide variety of drink recipes.
- Implementing features such as ingredient search, favorites, and personalized recommendations.
- Leveraging SwiftUI's declarative syntax and built-in animations for a seamless user experience.

React Netflix Clone

April 2023 – May 2023
- Technologies: JavaScript, React.js, Next.js, Tailwind CSS, MongoDB, NextAuth
- Developed a full-stack application using Next.js, Tailwind CSS, MongoDB, and NextAuth.
- Created a Netflix clone that allows users to browse and stream movies and TV shows.
- Implemented features such as user authentication, favoriting, and search functionality.
- Utilized Next.js for server-side rendering and optimized performance.

Javascript Sudoku

June 2022 – July 2022
- Technologies: JavaScript
- Built a Sudoku game using vanilla JavaScript.
- Implemented puzzle generation, solving algorithms, and a user-friendly interface.
- Provided different difficulty levels and an option to check for errors and solve the puzzle.

GeoDataLogger

Jan 2022 – March 2022
- Technologies: Java, Arduino
- Developed a geotechnical laboratory program in Java.
- Designed features to record and analyze geotechnical data, such as soil properties and test results.
- Implemented data visualization and reporting functionalities for efficient data analysis.

Zodiac Signs

June 2015 – July 2015
- Technologies: Swift
- Developed an iOS app using Swift that provides information about zodiac signs.
- Implemented features to display horoscope details, personality traits, and compatibility.
- Designed an attractive and user-friendly interface with smooth animations.

ADDITIONAL INFORMATION

- Fluent in English (written and verbal communication skills).
- Able to work independently and as part of a team.
- Detail-oriented with strong organizational skills.
- Quick learner with a dedication to continuous learning and professional development.