

TAE HYUN KIM

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Software Developer looking for Full-Time Software Engineering job with fluent knowledge in Java, C#, Web Application Development, and minor knowledge in AI.

PROFESSIONAL EXPERIENCE

ULTIMATE SOFTWARE, Weston, FL

Software Engineering Intern, May 2017 – August 2017

- Worked under Tax Management (UTE) Engine – Functionality - Garnishment Team
- Primarily focused on backend development and occasional frontend development.
- Worked on real-world, production level development.
- Used various tech stacks including .net, AngularJS, RabbitMQ, MongoDB, etc.

SOUTHEASTERN TRANSPORTATION RESEARCH, INNOVATION, DEVELOPMENT, AND EDUCATION CENTER AT UF (STRIDE), Gainesville, FL

Research Intern, May 2016 – August 2016

- Worked under Dr. Washburn at UF Transportation Institute to work on his traffic simulation program called SwashSim and traffic analysis program called VTAPE – both were C# programs.
- Mainly worked on debugging and manual testing.

PROJECTS

ASP.NET CORE PERSONAL WEBSITE

- Personal website created from Microsoft Asp.net Core framework.
- Used AngularJS, MongoDB, and simple API controllers.

RSA CRYPTOSYSTEM

- RSA Algorithm based program to encrypt and decrypt short string/character messages.
- Used math algorithms such as Rabin-Miller primality test to handle long running time for calculations.

Apple Watch Heart Rate

- Small Swift 3 based Apple Watch application to detect heart rate in BPM.

TECHNICAL/ADDITIONAL SKILLS

- Programming Languages: Java, C#, HTML, CSS, Javascript
- Frameworks/Database: .NET, Asp.net Core, AngularJS, MongoDB, SQL
- Testing: Unit Testing – Jasmine and BardJS frameworks for frontend JS testing / Functional Testing – Automated testing using Echo / Integration Tests
- Other Tech Stacks/Skills: RabbitMQ, experience in Domain-Driven Design (DDD) methodology, Kanban, TeamCity, BitBucket, etc.

EDUCATION

UNIVERSITY OF FLORIDA, Gainesville, FL

Bachelor of Science in Computer Science, Minor in Mathematics, Graduation: December, 2017

Relevant Courses: Object Oriented Programming, Design Patterns, Software Engineering, Data Structures and Algorithms, Web Application Development, Information & Database Systems