

EVAN WOO

Seoul, South Korea • <https://github.com/injongwoo327> • +82-010-9801-9098
• <https://www.linkedin.com/in/evanwoo> • evanwoo327@gmail.com

SUMMARY

An Associate Software Engineer (2.5+ years experience) with creative problem-solving skills in Java and experience in launching a Blockchain cloud infrastructure service in AWS.

TECHNICAL SKILLS

Programming Skills: Java, Rust, PostgreSQL, Python, JavaScript
Application Skills: AWS, Linux, Docker, Spring Boot, Ansible, Blockchain

PROFESSIONAL EXPERIENCE

HDAC Technology AG (Hyundai), Zug, Switzerland / Seoul, South Korea

Software Engineer (DevOps) II

October 2019 – December 2020

- Designed and implemented the 1st version of BaaS (Blockchain as a Service) infrastructure and its orchestration in AWS CloudFormation
- Enhanced the BaaS multi-server configuration at most 15 servers with own website monitoring tool and deployed through AWS Marketplace
- Created sample Backend (Smart Contract) applications in Rust with the Blockchain platform
- Led test driven development for the new cryptocurrency web and mobile wallets
- Created and translated whitepaper and constitution of the new solution business model into English

Microsoft Corporation, Redmond, Washington

Software Engineer II

December 2018 – June 2019

- Developed code samples and defined tutorials in Java, C#, Node.js for Azure IoT Hub services
- Wrote code to send and test telemetry from a Raspberry Pi simulator to an actual device through a cloud service
- Use content development tools, process, and publishing guidelines to deliver high quality documentation

Code For Social Good, Seattle, WA

Software Developer (Non-Profit)

March 2018 – December 2018

- Developed an Android application for a non-profit global platform to connect other non-profit organizations around the world with available developers for software projects
- Implemented the entire non-profit lists page, which displays a searchable / sortable list of non-profit organizations and their software requirements, which has helped 20+ non-profits
- Accomplished fixing multiple critical issues, including Gradle issues, and a log-in issue involving Google APIs affecting 10 organizations
- Contributed to TDD in developer release 8.0, an Android OS version with 4 developers

Open Learning Exchanges, Inc., Cambridge, Massachusetts

Software Engineering, Virtual Intern

May 2017 – September 2017

- Developed a low-cost basic e-learning Library in HTML5
- Debugged 2 defects in Git and Linux server each day by coordinating with library DevOps
- Educated 50,000+ learners in various subjects by developing the library
- Exceeded expectations and achieved superior ratings for performance review (4.2 / 5)

TECHNICAL PROJECTS

Virtual Trackball Viewer

November 2017

- Implemented a virtual trackball algorithm in Java and OpenGL to rotate the object with a mouse
- Used vectors to compute locations and created a class hierarchy to import shapes
- Built a successful 3D MVC application in Java with the highest grade (31/35)

EDUCATION

University of Maryland

College Park, MD, USA

Bachelor of Science in Computer Science

December 2017

Minor: Philosophy