CHEOLMIN OH

Boston, MA • +1-617-821-5892 • jasonoh1998@gmail.com • github.com/jasonoh1998 • linkedin.com/in/cheolmin-oh-766b48262

PROFESSIONAL EXPERIENCE

Boston University Spark!, Boston, MA   May 2023 – Present
Software Engineer
- Engaged Boston City Council and District 7's Tania Fernandes Anderson to create customized applications.
- Spearheaded Docker container distribution; managed automated updates from 5 data sets using Prisma/Railway.
- Developed 21 API endpoints using Express.js, Next.js, and a headless CMS, improving user interactions.
- Incorporated CI/CD with GitHub Actions and optimized Firebase, achieving a 22% cost reduction.
- Laid the groundwork for the Spring 2024 launch of the Spark Bites! with three more projects for 2024.

Republic of Korea Air Force, Gyeryoung-si, South Korea   Sep 2020 – Jun 2022
Data System Management Group – Squad Leader (May 2021 – Jun 2022)
- Revamped team website using JSP/Java, improving plan, manual, and task tracking—work tracking up 22% in Q1.
- Normalized large database using MySQL, resulting in faster data retrieval, and reducing onboarding time by 50%.
- Reengineered legacy Java codes to a RESTful Node.js, activating 20+ neglected APIs.
- Facilitated meetings for senior officials, including 5-star generals and National Assembly audits of state affairs.

Spring Web MVC Project, Seoul, South Korea   Oct 2022 – Dec 2022
Project Manager
- Created a streaming service with Spring, JSP, jQuery, 3 foreign APIs, and AWS for South Korean market trends.
- Managed a team of 6, overseeing the development of 13 API and 53 tables to power the website backend.
- Directed Agile Scrum for rapid UI development (login, sign-in, search) and cloud-based deployment on AWS.

Dongyang Vocational Institute, Cheonan-si, South Korea   Nov 2020 – Jan 2023
R&D Planning Analyst
- Analyzed course enrollment data, launched new Python/Java courses with over 50+ students monthly for 2023.
- Refined compliance docs for educational accreditation, ensuring sustained 2023 government funding eligibility.

American University, Washington, DC   Sep 2018 – May 2019
Teaching Assistant
- Partnered with faculty to craft and present engaging Python and business statistics lessons to 60+ students.
- Personalized course delivery, assessed needs, condensed and organized materials—class average rose by 6%.
- Led weekly interactive 4-hour review sessions and provided feedback on academic submissions.

EDUCATION

Boston University, Boston, MA   Expected May 2024
BA in Computer Science

American University, Washington, DC   Transferred May 2019
International Studies Major

ADDITIONAL

Technical Skills: Proficient in JavaScript, TypeScript, Node.js, Python, Docker, React/Vite, Next.js, Express.js, Git, Firebase, PostgreSQL/Railway, Scrum and Agile/Trello/Slack, HTML/CSS/jQuery; Knowledgeable in Java, Spring, Expo/React-Native, MySQL, Oracle DB, MongoDB, AWS, Azure, Machine learning (TensorFlow, Keras), Figma
Languages: Korean (Native), English (Fluent)
Interests: Tennis, Cooking, Golf, Netflix, Traveling