Jeongmin **Cha**

Software Engineer

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Skills

Back-end	Node.js (Express, Next.js), Django
Front-end	Nest.js, React, HTML5
Database	MySQL, PostgreSQL, MariaDB, Redis, etc
Programming Languages	Javascript (Typescript), Python, Java
etc	Git, Vim, Linux, AWS, Docker, Jenkins, etc

Work Experience

Yanolja. Co., Ltd. *Seoul, S.Korea*

Back-End Software Engineer *Jul. 2017 - PRESENT*

- Developed the front-end and back-end of the back-office admin tools for the management of the business district management of the restaurant line-up service.

TmaxData. Co., Ltd. *Seoul, S.Korea*

Software Engineer *Aug. 2019 - Jun. 2021*

- Developed an API server for the inquiry of bank account information using Open Banking API
- Designed and developed the financial platform service as a micro-service architecture back-end system.
- Developed the front-end of the chat-bot builder studio allowing users to create their custom chat-bots.

HYPERITHM. Co., Ltd. *Seoul, S.Korea*

Quantitative Software Developer *Mar. 2018 - Apr. 2019*

- Developed a Python trading framework, which asynchronously runs strategy algorithm which can be triggered by certain events or indicator conditions.
- Developed an in-house Node.js module for trading bots.
- Applied CI/CD and wrote test codes for overall in-house projects.

Education

KAIST (Korea Advanced Institute of Science and Technology) *Daejeon, S.Korea*

M.S. in School of Computing *Mar. 2017 - Aug. 2019*

Hanyang University *Seoul, S.Korea*

B.S. in Computer Science and Engineering *Mar. 2012 - Feb. 2017*

Research Paper

Elicast: Embedding Interactive Exercise in Instructional Programming Screencasts *L@S 2018*

co-author *Jun. 26-28, 2018*

- Designed and conducted survey questions and individual interviews to validate the improvement of learning gains and engagements of programming learners using an interactive screencast programming learning platform called Elicast.

An Imputation Method Using Directly Connected Neighbors in a Trust Network for Recommendation *The 2015 Fall Conference of the KIPS*

the first author *Oct. 2015*

- Proposed a data imputation method that predicts the value of rating entries that even one of the DIRECTLY connected neighbors in the trust network has rated.

Extracurricular Activity

- Taught as an instructor at a programming academy for one year (Java, AP Computer Science A, Android).
- Taught a programming course about hybrid mobile framework Ionic 2 on an online lecture service.
- Worked as a KAIST campus partner at NAVER D2SF (Apr. 2017 - Apr. 2018).
- Received a full tuition scholarship for two years, as a national science and engineering scholarship student.
- Completed Software Maestro 6th program.