

YENNIE JUN

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EDUCATION

TUFTS UNIVERSITY | MEDFORD, MA

Bachelor of Science in Computer Science and History, May 2017

GPA: 3.70 | Honors: Dean's List, Elizabeth Tishler Prize in Music Performance

UNIVERSITY OF HONG KONG | HONG KONG

Exchange Student, spring semester 2016

Relevant Coursework: Probabilistic Programming Languages, Data Structures, Machine Structure and Assembly Language, Algorithms, Programming Languages, Web Programming, Computational Theory, Cyber Security, Machine Learning (Coursera), Linear Algebra (Coursera), Deep Learning (fastai)

WORK EXPERIENCE

RESEARCH ASSISTANT | SEOUL NATIONAL UNIVERSITY | SEOUL, SOUTH KOREA OCT 2019 – PRESENT

- Conduct record linkage and perform disambiguation techniques of Korean historical civil service officials across several different data sources and records
- Collaborate with historians to scrape, clean, prepare, and analyze historical records, to store and query the data in SQL tables (PostgreSQL), and to detect repeated or missing historical figures
- Prototype language translation model between Korean and traditional Chinese characters (Hanja)

SOFTWARE ENGINEER | MICROSOFT (EDUCATION TEAM) | REDMOND, WA SEPT 2017 – AUG 2019

- Designed and implemented features across a full stack (React.js on UI, C# on backend) for Assignments Service (a Learning Management System within Microsoft Teams to help teachers manage the classroom)
- Maintained service health by updating telemetry dashboards using PowerBI, investigating high-severity alerts, and reporting on service health for critical scenarios in weekly service reviews
- Integrated OneNote Immersive Reader (learning tool to help students with dyslexia) into Assignments

TEACHING ASSISTANT | TUFTS UNIVERSITY | MEDFORD, MA AUG 2014 – DEC 2016

- Led weekly labs on computer science concepts and skills for introductory data structures course
- Planned future projects and assignments with other lab leaders and participated in writing weekly labs
- Debugged students' code, conducted office hours, and graded assignments

SOFTWARE ENGINEERING INTERN | MICROSOFT | REDMOND, WA JUNE 2016 – AUG 2016

- Created framework for maintaining feedback questions and answers using ASP.NET MVC and LINQ
- Developed SQL scripts to populate and maintain feedback questions, responses, and mappings

QA INTERN | ARCHIBUS | BOSTON, MA JUNE 2015 – AUG 2015

- Designed and launched PowerShell scripts to automate continuous delivery and to analyze performance
- Located and reported security vulnerabilities using Burp Suite software

SKILLS

Code: C, C++, C#, HTML/CSS, JavaScript, React.js, PowerShell, Python, PyTorch

Database: Node.js, Express.js, MongoDB, ASP.NET, Neo4J, SQL

Technologies: git, npm, Postman, PowerBI, regex

ACTIVITIES & LEADERSHIP

FLUTIST | PUGET SOUND SYMPHONY ORCHESTRA | SEATTLE, WA 2017–2019

ASSISTANT INSTRUCTOR | UNIVERSITY OF WASHINGTON TAEKWONDO TEAM | SEATTLE, WA 2017–2019

ENGLISH LANGUAGE TUTOR | ACLE | ITALY 2017–2017

TAEKWONDO CLUB PRESIDENT | TUFTS UNIVERSITY | MEDFORD, MA 2016–2017

LANGUAGES

English (fluent), Korean (fluent)