Shuta Suzuki

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PROGRAMMING

C++/C, Python, HTML, CSS, JavaScript, SQL, STATA, MATLAB, Visual Basic, LaTeX ARMv8 (Assembly), Markdown

COURSEWORK

COMPUTER SCIENCE

Programming Concepts
Discrete Mathematics
Logic Design
Data Structures and Algorithms
Computer Organizations
Theory of Computation
Computer Security
Mobile App Development
Cryptography
Software Engineering
Web Systems

LINGUISTICS

Syntax
Semantics
Language and Discrimination
Language of Computers
Computational Linguistics
Anatomy of NLP Systems

TECHNOLOGIES

Git, Bash, Make, React, Hadoop, AWS, MapReduce, Flask, TravisCI, NLTK Infer, AFL, EvoSuite, Jinja2

CERTIFICATIONS

Adobe Dreamweaver, Photoshop, Flash

LANGUAGES

English: Fluent, Japanese: Fluent

EXTRACURRICULAR

IEEE, JSA, Billiards Club

SCHOLARSHIP

Undergraduate Internship Scholarship

OPEN SOURCE

Oppia

EDUCATION

UNIVERSITY OF MICHIGAN | Ann Arbor, MI
B.S. in Computer Science with Minor in Linguistics | June 2016 - May 2019
Current GPA: 3.83/4.00 , Class of Spring 2019 (Senior Standing)

WORK EXPERIENCE

DELOITTE & TOUCHE LLP | New York, NY
Cyber Risk Consultant | September 2019 -
- Starting full-time position in the fall

BLOOMBERG LP | Tokyo, Japan
Global Data Analyst Intern | June 2018 - August 2018
- Wrote a Python script to automate the daily task of updating stock listings for SBI and Chi-X exchanges via web-scraping and calling Bloomberg API to update information. Saved 180+ hours of manual work annually
- Created a Flask web application tool that maps data points on financial statements to Bloomberg Terminal's database fields to semi-automate the process of on-boarding new data for financial analysts and vendors without technical background. Implemented a simple and clean GUI for usability and portability, mapping 82% of data automatically
- Developed a financial document PDF extraction script that converts PDFs to Excel spreadsheets while retaining the structures and values of complex tables, saving 5 minutes of manual labor per document page

NOMURA RESEARCH INSTITUTE | Tokyo, Japan
IT Security Consultant Intern | August 2017 - August 2017
- Developed a program that classifies webpages by site owners for corporations to identify lost and outdated webpages that may have software vulnerabilities. Classifier tuned by defining custom rulesets and adjusting parameters to perform textual semantic analysis using a JavaScript framework Fathom
- Developed another Fathom classifier program that compares HTML structures of webpages such as tags, attributes, and user-defined class names along with metadata of these webpages

UMICH INSTITUTE FOR SOCIAL RESEARCH | Ann Arbor, MI
Research Assistant I | September 2016 - Current
- Implemented client-side validation features on online surveys to filter out participants that did not satisfy certain qualifications using JavaScript, HTML, and Qualtrics API
- Wrote stimulus presentation programs in Visual Basic, integrating eye trackers and EEG headsets to simultaneously record physiological data
- Wrote STATA scripts for cleaning raw survey data, saving 100+ RA hours

PERSONAL PROJECTS

PERSONAL WEBSITE | May 2018 - Current
- Created a static website using Jekyll and deployed on Netlify servers
- Implemented English/Japanese language switch feature by modifying the Jinja2 template to link the same markdown files written in different languages

EVENT SIGN IN SCANNER | May 2018
- Programmed a student ID card scanner to handle member registration, sign in, and email results for each IEEE event, reducing long lines for sign in.