KEVIN SUN

FULL STACK SOFTWARE DEV.

604 825 1733
KEVINSUN872@GMAIL.COM

SKILLS

Languages
- C#/.NET
- Javascript
- Java
- SQL
- Typescript
- Python

Frameworks/Libraries
- Node.js/Express
- Angular
- JsPsych
- Sikuli
- D3
- JUnit/Mocha

DBMS
- MySql
- MSSQL

Tools/Practices
- Git/SVN
- Agile/JIRA

EDUCATION

BACHELOR OF SCIENCE,
MAJOR IN COMPUTER SCIENCE
UNIVERSITY OF BRITISH COLUMBIA
 GRADUATING MAY 2020
GPA: 3.75

VOLUNTEERING

UBC CHINESE STUDENTS ASSOC.
SEPT 2015-2017

- Made use of multilingual ability to handle logistics for annual CSA Children's Talent Show in collaboration with the Canadian Cancer Society

DRAGON DOJO ISSHIN RYU
SEPT 2013-2016

- Earned rank of first dan black belt after 7 years with the club
- Worked as instructor for younger students for the last 3 years of membership
- Trained several students to win medals in provincial tourneys

WORK EXPERIENCE

TECHNICAL LEAD
UBC VISUAL COGNITION LAB | MAY 2019 - PRESENT

- Implemented data visualization experiments in Node.js with JsPsych library, constructed dynamic stimuli with D3 to test participant perception of correlation values
- Improved application scalability and stability by leading architectural redesign and developed curriculum to familiarize new developers with growing codebase
- Designed and integrated a MySql database to centralize and secure participant data

BACK END DEVELOPER INTERN
JUDI.AI (F.K.A. LENDIFIED TECHNOLOGIES) | SEPT 2018 - DEC 2018

- Collaborated with Product Team to implement and refactor features to fit client workflows
- Helped company reach SOC 2 compliance by securing hard-coded keys in C#/.NET source code via integration of Microsoft Azure's Key Vault
- Increased functionality of loan application suite by integrating 3rd party partner APIs and developed mock integration of SecureFact's API to evaluate potential "Know Your Customer" improvements to automated adjudication process

FULL STACK SOFTWARE DEVELOPER INTERN
PARAGON TESTING ENTERPRISES | SEPT 2017 - APR 2018

- Worked as full-stack developer developing for Paragon's English language exam registration and delivery suites in C#/.NET
- Improved usability and accessibility of user-facing applications by using AngularJS and Typescript to streamline exam registration process
- Removed need for the manual sending of exam scores by implementing features to automatically collect, format, and send scores along key points in grading workflow
- Drastically expedited QA time for new exam builds by developing automated Python scripts using the Sikuli Automation Tool, removing need for manual QA on exam site computers
- Ran penetration attacks on user-facing applications to test for XSS vulnerabilities

TEACHING ASSISTANT (CPSC 210 - SOFTWARE CONSTRUCTION)
UNIVERSITY OF BRITISH COLUMBIA | JAN 2017 - AUG 2017

- Guided students through projects dealing with object-oriented design in Java
- Held independent exam preparation sessions outside of class to review course material

CODING PROJECTS

BLOGMAKER!
GITHUB.COM/HANWSUN/BLOGMAKER | OCT 2019

- Collaborated in a small team to create a custom Domain Specific Language (DSL) written in Javascript to allow users unfamiliar with HTML/CSS to create granular websites
- Broke down blog components into an AST and wrote parsing and evaluation functions to take in user-written code and translate into HTML

LET ME EAT!
GITHUB.COM/SPICYROBOTO/LET-ME-EAT | MAR 2019

- In a small team, created a Node.js and Express web application designed to find restaurants for users with allergies and dietary restrictions
- Developed APIs, routing, and MySQL DB integration to receive client-side queries, dynamically generate SQL, and retrieve relevant restaurants that cater to user allergies

HACKATHONS

BIZHACKS
GITHUB.COM/BESTBOUGHT | MAR 2016

- Worked with business students to develop and pitch Javascript-based software solution for Best Buy to parse and filter reviews utilizing Microsoft Azure's sentiment analysis
- Wrote AJAX requests to back end to fetch filtered reviews and display them in the UI

UBC LOCAL HACK DAY
DEVPOST.COM/SOFTWARE/PASSTHEBOMB | DEC 2016

- In a team, developed a browser-based word game written in Javascript. Created user interface, menus, and graphics
- Recognized by Microsoft judges as an outstanding project