Brandon Yu   SOFTWARE DEVELOPER

BACKGROUND

Software developer with experience in web development, back-end engineering, and unit testing. Proven to be a strong leader, a caring coworker, and overall a total team player. Highly motivated to continue my career particularly in the field where my passions lie.

CONTACT INFO

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SKILLS

React	Redux
JavaScript	Node.js
Express	Knex.js
PostgreSQL	OOP
TDD	HTML5
CSS3	Bootstrap
REST APIs	AJAX
Git	GitHub
Heroku	BitBucket
AWS	Cloudinary
C#/C++	Azure DevOps
Visual Studios	WinDbg
Unit Testing	

EDUCATION

GALVANIZE
Certificate in Web Development

UNIVERSITY OF WASHINGTON
B.A in English Language and Literature

WORK EXPERIENCE

Microsoft
Sunnyvale, CA | September 2019 – December 2019
Software Engineering Apprentice
• Developed unit tests within SQL Server's core IO handling layer to check consistency for Blob Access API's.
• Identified bugs using TestShellTest framework to improve integrity of Azure's SQL Server.
• Used WinDbg and SQL Server Management Studio to debug software.
• Created continuous integration pipelines within Azure DevOps to perform unit testing on codebases.

MINDSPAND, INC.
Seattle, WA | March 2019 – September 2019
Full-Stack Developer
• Redesigned React components for more navigable user interface and better user experience for desktop and mobile. Updated features to optimize page speeds.
• Managed several different code bases in BitBucket to locate and fix bugs. Fixed 10-15 bugs a week to increase functionality of components.
• Reorganized PostgreSQL database structure on backend and server API calls from Express to client.
• Leveraged cloud-based services such as Cloudinary and Amazon Web Services S3 to store user files such as photos.
• Coded mail templates to the server for users to receive timely notification emails through Mandrill.

ACCOMPLISHMENTS

Winner - "Ready To Take Off" and "Best Usage of Expedia Group API's"
IATA HackAir Hackathon | April 2019
Built *Swipe-See*, an app that allows you to "swipe" left and right, similar to Tinder, for events in your destination city of choice. The events were pulled from Expedia's APIs, which were provided exclusively for the hackathon.

Winner - CORE Studio's "Best Open-Source Project"
AEC Tech 2019: West Coast Hackathon | March 2019
Built *Stroll*, a full-stack app which helps people find the most nature-filled walks/paths to take throughout the day in order to stimulate creativity and boost mental health.

PROJECTS

T.V.O.D. | https://tvod.herokuapp.com
This full-stack app is a web platform for users to track what television programs they are watching during this era of "Peak TV." Created with React, Redux, Express, JavaScript, Node.js, Axios, HTML, CSS, Bootstrap, Moment, and postgreSQL. It makes primary use of the TVMaze API.

Watch a presentation of the app at the Seattle React.JS Meetup:
https://www.youtube.com/watch?v=JV3cFP_CQEo