

KYLE TRENT – BS (CS), CSM

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EDUCATION/ACCREDITATION/MEMBERSHIPS

BS Computer Science - Central Washington University - 2015-2019

- *Programming Coursework* - Computer Architecture, Database Management, Algorithm Analysis, Data Structures, Web Development, Operating Systems, Programming Language Design
- *Activities* - ACM (Association for Computing Machinery) Student Chapter Secretary - 2017-2019

Certified Scrum Master (CSM) - Agile Alliance - March 2019

PROFESSIONAL EXPERIENCE

Allyis, Inc – Junior Software Developer – (October 2019 – Present)

Microsoft Sub-Contractor/Internal Application Developer

- Increased Microsoft's new POS testing teams efficiency by automating 100 manual test cases using Appium with C# through creation of a console app which reads externally written Json files to automate any UWP application
- Assisted in development/production management of two internal MVC Asp.Net applications used by HR, followed standard coding guidelines, resolved all bugs/work items assigned (around 100 bugs and architecture items), full stack development
- Patched 150 server vulnerabilities, increased UI usability and accessibility standards by resolving 100 UI and accessibility bugs in React.js on Microsoft incentives enrollment landing page
- Leveraged Knowledge in C#, Asp.Net, MVC, Microsoft Azure, Javascript, React.js, Typescript

Seattle Dept. of Transportation, RedTech - Data Analyst – (July 2019 - October 2019)

SDOT Permitting System Upgrade: Converting Permit Data from Legacy System with Accela Solution

- Increased manual conversion rate of self and team by 20 percent using automation with Python
- Leveraged Knowledge in SDOT graphical user interfaces which process permit data, Python repositories for extracting data from Excel spreadsheets, cross platform Python frameworks for NUI development, and packaging Python apps for Windows

DragonChain - Mobile Developer - Senior Capstone Project – (November 2018- March 2019)

DragonDen Mobile Application: Cross Platform Mobile Version of DragonChain's Web Forum

- Structured list tiles into application, integrated seamlessly with different content pages, used wrapper widgets and image icon attributes
- Increased navigation speed by removing loading time in screens fetching from the network API through the repositioning of their endpoints into other repositories
- Improved scalability for future iterations through implementation of the BLoC pattern to utilize streams and the RxDart programming library
- Leveraged Knowledge in the cross-platform Dart Programming language and Flutter mobile application development framework, iOS and Android 4.4 KitKat emulation, token-based communication with RESTful JSON API, streams and reactive programming

SOFTWARE PROJECTS

Contact and Permit Information Matching Using Excel Spreadsheet Data

- Developed a Windows package for a Python program that assisted manual permit conversion
- Integrated Kivy to build a resizable UI that filters the search algorithm with radio buttons, takes text input, and outputs data returned from the search
- Implemented xlrd library to search multiple spreadsheets for matching and retrieving relevant rows with contact and permit information
- Utilized: Python, xlrd library, Kivy Python framework, PyInstaller, Spec#

Real-Time World-Wide Weather Information

- Developed a web application on the Apache Web Server which returns the current weather conditions in any location in the world entered as text by the user
- Incorporated user registration via database using MySQL and PHP
- Utilized: HTML, CSS, PHP, JavaScript, SQL, Apache,

SKILLS

- **Software: (proficient):** Python, Java, Dart, C#, JavaScript, Git, HTML/CSS *(familiar)*: C, Unix, PHP, SQL, C++