**Vecheka Chhourn**

[**vechec@uw.edu**](mailto:vechec@uw.edu) **|| (**206)-488-3393 **||** [**Resume Website**](https://vecheka.github.io/)

**EDUCATION**

**University of Washington,** Tacoma, WA ***September 2017 - June 2019***

BSc Computer Science; GPA 3.64

Relevant Courses: Data Structures, Algorithms, C Programming, Programming Practicum,

Machine Organization, Software Development

**South Seattle College,** Seattle, WA ***April 2015 - December 2016***

Associate of Science; GPA 3.80

Relevant Courses: Introduction to Computer Programming (Python), Java I & II

**EXPERIENCE**

**Quantitative Tutor *December 2017 - Present***

University of Washington, Tacoma, WA

* Enhanced students understanding in Computer Science & Mathematics
* Organize Math Workshops to increase students’ academic success

**Presentation at University of Washington Symposium *Spring 2017***

**Tutor *January 2016 - June 2017***

South Seattle College, Seattle, WA

* Assisted students with concepts in Computer Science & Mathematics

**PROJECTS AND ACTIVITIES**

**WIFI Sensor Network for IOT** at South Seattle College

* Collaborated with a professor to create a wifi sensor to collect wireless data
* Engineered a program to analyze the collected data using Python and SQL libraries

**B Tree & Red-Black Tree** at University of Washington Tacoma

* Implement a generic of the mentioned tree structures from scratch using Java

[**Twitter Bot**](https://twitter.com/vechekaBot)as side project

* Using Twitter API to create a bot that plays a game of Tic-Tae-Toe with the users
* Implement the Tic-Tae-Toe algorithm using Java

**Web Scraper** as side project

* Implement a web scraper using to Python libraries to extract a user’s Amazon’s wish list’s items information
* Notify the user via email when any one of the item’s prices goes down

**More projects can be found** [**here**](https://github.com/vecheka?tab=repositories)**.**

**LANGUAGES**

* Most experienced in Java
* Some experience in Python, HTML, CSS, C
* Familiar with JavaScript

**PROGRAMMING CONCEPTS**

* Object Oriented Programming
* Data Structures
* Search/Sort Algorithms
* Algorithm Design

**PLATFORM:**

* Windows OS, Linux OS, Eclipse