

## TUCKER R. STEWART

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<https://github.com/TuckerStewart98>

### EDUCATION

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Bachelor of Science in Computer Science and Systems, Mathematics Minor, March 2020

University of Washington Tacoma, GPA 3.99

### SKILLS

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- Ability to develop and write code:
  - Proficient: C, Java, Python
  - Exposed: Bash, CSS, C++, HTML, JavaScript (React), R, SQL
- Technologies Used:
  - Proficient: Linux, Keras, SKLearn, TensorFlow
- MOS® Certified in Word, PowerPoint, and Excel 2010®.
- Using Git to maintain and contribute to a code base.

### PROJECTS AND ACTIVITIES

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#### Bot for Discord (Java)

- Created a (Chat) Bot for the communication application Discord. The bot detects when a user starts livestreaming using Twitch and/or Youtube then sends a notification to all users on the same server with the URL to the user's livestreaming service.
- This was created as a Maven project using DV8FromTheWorld's JDA as a dependency and was deployed using Heroku to connect the bot to Discord.

#### Research in Time-Series Forecasting/Data Science (Python)

- Currently conducting Undergraduate Research into developing new methodologies for forecasting peak values in time-series under the guidance of [Professor Juhua Hu](#).
- An invaluable experience in how to research new knowledge independently, work through the Data Science life cycle, and to concisely and effectively present my work.

#### Personal Website (HTML and CSS)

- Self-taught HTML and CSS to create a personal website for sharing my resume and projects.
- <https://students.washington.edu/trstew>

#### Activities:

- Huscii Coding, University of Washington, fall 2016-present
- Robotics Club, Tumwater High School, fall 2015-spring 2016

### WORK EXPERIENCE

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#### Washington State Fair: Junior Landscaper June 2015-October 2017; Summers only

- General maintenance work such as trimming, watering, arranging the flora, refurbishing, and replacing bark and gravel.
- Learned how to take requirements and make a finish product that is presentable and how to communicate and cooperate with coworkers and supervisor.

#### ServiceNow: Software Engineering Intern June 17<sup>th</sup>-September 6<sup>th</sup>, 2019

- Developed new features for the Configuration Management Database's (CMDB) Identification and Reconciliation Engine (IRE) in Java, SQL, and JavaScript React.
- Created automated test cases for verifying the correctness of changes to the code base and developed solutions to problems with the code (PRBs).
- Cooperated with a team in a corporate environment, used Git for version control of the code base that is being developed by several different teams, and contributed to design discussions.

### ACHIEVEMENTS

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- Achieved the dean's list every quarter in attendance at University of Washington Tacoma.
- Advance Placement Scholar with Honors (2016)
- Washington State Opportunity Scholar (2016-2020)
- Mary Gates Research Scholar (2019-2020)