

Richard Jiang

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EDUCATION

UNIVERSITY OF WASHINGTON

BACHELOR OF COMPUTER SCIENCE

Expected June 2020 | Seattle, WA

Cum. GPA: 3.92/4.00

- Dean's List (All Quarters)

WESTVIEW HIGH SCHOOL

Grad. June 2016 | Portland, OR

COURSEWORK

UNDERGRADUATE

CSE:

Computer Programming
Foundations of Computing
Software Design & Implementation*
Data Structures & Parallelism
The Hardware/Software Interface*
System and Software Tools*

Math:

Calculus w/ Analytic Geometry
Matrix Algebra

Other:

Technical Foundations of Informatics
{*Planned for Spring 2018}

SKILLS

PROGRAMMING

Proficient

- Java
- JavaScript
- R
- \LaTeX

Familiar

- C#
- HTML5

OTHER

- Git Version Control
- Leadership
- Public Speaking
- Conversationally Fluent Mandarin

LINKS

LINKEDIN

www.linkedin.com/in/richard-jiang98

PROJECTS

HIRECS.COM | OCTOBER 2017

- The inaugural project for OctoUW
- Used HTML and AngularJS, created an interactive online event calendar for other University of Washington students
- Wrote a JavaScript wrapper to update events on the calendar based on the current date, reducing manual maintenance of site

U.S. POLICE KILLINGS ANALYSIS | JUNE 2017

- Analyzed police shooting data from the FiveThirtyEight blog with R
- With R, Shiny, and HTML, constructed a site to present our statistical findings with interactive graphs and UX
- Worked effectively as a team of four and communicated responsibilities concisely

RESEARCH

PROOFY, AN EDITOR FOR DISCRETE MATHEMATICS |

UNDERGRADUATE RESEARCHER

January 2018 – Present | Seattle, WA

- Worked with UW lecturer Adam Blank on Proofy, designed to help students learn and help TAs grade discrete math
- Used JavaScript to implement a pop-up evaluator window for discrete math expression to improve student comprehension

UW AUTONOMOUS FLIGHT SYSTEMS LAB | UNDERGRADUATE RESEARCHER

April 2017 – Present | Seattle, WA

- Worked with various rendering APIs, like Direct3D and OpenGL, as well as game engines, like Unity with C#, to determine the best way to construct a parameterized 3-d rendering system to model the machine evaluated parameters

LEADERSHIP & WORK EXPERIENCE

UNIVERSITY OF WASHINGTON | TENNIS INSTRUCTOR

October 2017 - Present | Seattle, WA

- Personally organized and planned curriculum for students of many skill levels
- Individually led weekly lessons and communicate with groups of students efficiently

WESTVIEW KEY CLUB | PRESIDENT

2012 – 2016 | Portland, OR

- Served as Secretary and Vice President, led weekly meetings
- Organized a team of 10 board members to plan and run club events

STUDENT ORGANIZATIONS

2017	Founding Member	Office of the CTO at University of Wash.
2016	Member	Chinese Student Association
2016	Member	University of Washington Tennis Club