

# Keira Wong

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## EDUCATION

### University of Washington

- Bachelor of Science in Informatics/Information Assurance and Cybersecurity

Sep 2023 - Jun 2027

### High School Diploma International School of Bellevue - Bellevue, WA

Sep 2019 - Jun 2023

- Graduate Year: June 2023, GPA: 3.8/4.0
- Coursework: AP Computer Science, AP Physics 1, AP Physics 2, AP Language Arts, AP Literature, AP French, AP US History, AP World History, AP Calculus AB, Advanced Calculus

## AWARDS

- National Cyber Scholarship Foundation (NCSF): Bronze Award (2020) / Semifinalist (2021) / Finalist (2022) / Scholar Award (2022)
- Women in Cybersecurity (WiCyS): Top 1% of High School Scholar Award – 2022 & 2023
- UN Global Goal National Community Service: Ambassador Award – 2022
- Kode With Klossy: Scholar Award - 2021 / Alumni and Scholar Award – 2022
- National Center for Women & Information Technology (NCWIT): Aspirations in Computing Award – 2021
- Titan Robotics Club: Mentors' Award and Varsity Letter Award – 2021

## HACKATHONS

- Hack+Policy Foundation MERGE 2021 Hackathon: 2<sup>nd</sup> Place Winner – 2021
- Google Change the Game Dahyun Challenge Winner – 2020
- Figma's Virtual Design Jam: 2<sup>nd</sup> Place Winner – 2020
- Microsoft "Girls in AI" Hackathon: 2<sup>nd</sup> Place Winner – 2019

## CERTIFICATIONS

- Google Data Analytics Professional Certificate – (In Progress)
- Google Cybersecurity Professional Certificate – Sep 2023
- PCEP – Certified Entry-Level Python Programmer – Apr 2023
- GIAC Foundational Cybersecurity Technologies (GFACT) Certification – Dec 2022

## PUBLICATIONS & APPEARANCES

- Speaker "Impact in My Community" hosted by Bill and Melinda Gates Foundation Teen Lounge Event – 2023
- Published by Journal of Interdisciplinary Public Policy - "[ReNews: A Real Solution to Fake](#)" – 2022
- Panelist "Experiences and challenges in the beautiful world of Computer Science by NCWIT" – 2022

## TECHNICAL SKILLS

**Languages:** Python (NumPy, Pandas, SciPy, Scikit-Image, SKLearn), Java, Swift, SQL, C#, ReactJS, JavaScript, HTML/CSS

**Tools:** GitHub, Linux/Unix, GCP, O365, Visual Studio Code, Xcode, Figma

## PROFESSIONAL EXPERIENCE

### International Nutritional Sustainable Partners (INSP), *Director of Information Technology*, Redmond, WA

2020 – Present

- Led and redesigned the organization's website and increased the loading speed of the webpage by 20%
- Increased traffic to the webpage by 20% by embedding social media accounts into a website
- Implemented the outreach strategy across multiple media platforms, resulting in 500+ families taking advantage of the services

### University of Washington, *Data Science Intern, Neuroscience and Chemical Engineering*, Seattle, WA

Jun 2022 – Aug 2022

- Processed large data sets for predictive cell models and visualization
- Performed analytical deep-dives to analyze problems and opportunities by identifying the hypothesis and executing experiments
- Assisted in research and business development projects by using data key business metrics

## LEADERSHIP EXPERIENCE

### Titan Robotics Club, *CAO/Software Engineer/Mentor/Outreach Head*, Redmond, WA

2017 – 2023

- Designed, built program, and debugged robot for the national FIRST Robotics Competitions
- Instructed and mentored a group of 80+ Middle School students in robotics programming
- Managed multiple competitions simultaneously through effective collaboration
- Identified, drove, and implemented improvements in robot operations resulting in a score increase of 20%

### International School of Bellevue, *Founder and President of Civic Club/IS Hack Club*, Bellevue, WA

2019 – 2023

- Provided student-centered educational projects including leadership growth and community engagement
- Partnered with Microsoft to drive a variety of Civic and Community events including voter registration and annual debate on current issues
- Hosted hackathon to promote cybersecurity awareness through a highly stimulative learning path

### Pathway Foundation Civic and Social, *Information Technology Lead/Outreach Executive*, Bellevue, WA

2019 – 2023

- Served as technical lead for driving cybersecurity programs to support the organization's strategic planning and execution
- Mentored 30+ underserved students in Python programming year-round