

Sonja Xuan Una Johanson – UC Berkeley Sophomore

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Education

UC Berkeley, CA – Bachelor of Arts, Computer Science, 3.5 GPA

May 2023

Portland Community College, OR – Associate of Arts & Associate of Science, 4.0 GPA

March 2018

Skills: *Java & Python (highly proficient) JavaScript, React, C, R, Neo4j, French & Spanish (fluent)*

Professional Experience

Web Developer – Blueprint, Technology for Non-Profits

8/2020 – present

- Collaborate with a team of five developers and designer to build a web-app for the National Black Justice Coalition, a civil rights org dedicated to empowering Black LGBTQ people.
- Design and implement multiple dashboards into a React front end application in Typescript.

Computing Research Assistant – Maseeh College of Eng, PSU, OR

6/2020 – 11/2020

- Scripted applications in C to test Dr. Karen Karavanic's new performance measurement tool for high performance computing workflows.
- Strengthened and documented existing Python simulators.
- Co-author on thesis: contributed section on testing with MPI applications.

Website Designer – Self-employed

7/2018 – 6/2020

- Custom built and designed websites using Squarespace, Wix, and HTML/CSS.

Feature Film Assistant Editor – Never Not Collective (NNC)

6/2019 – 8/2019

- Assistant editor for NNC's 2020 feature film, *Pretty Strong* – the first feature film featuring only female rock climbers.

Computing Research Assistant – Maseeh College of Eng, PSU, OR

6/2017 – 9/2017

- Developed and documented a Python simulator to test scheduling algorithms as part of a Research Experience for Undergraduate summer internship from Computing Research Association-Women.
 - <https://www.pcc.edu/news/2018/02/sonja-johanson/> National Science Foundation cybersecurity project, EPA-RIMM.
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Leadership Development

Website Designer: Vote5x5.org – Nonprofit

8/2020 – 11/2020

- Building, structuring and maintaining website content.

Lab Assistant for Data8: Foundations of data science – UC Berkeley

1/2020 – 5/2020

- Assist students in weekly labs covering introductory Python programming, the NumPy library, confidence intervals, hypothesis testing, and regression, among other topics.

Media Producer & Teaching Assistant – The Climbing Academy (TCA)

Spring 2018 & 2019

- Produced promotional videos and photos about TCA, the international climbing high school.
 - Led instructional seminars on teamwork and collaboration in media production.
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Awards & Honors

Portland Community College – *President's List & Phi Theta Kappa Honor Society*, 2015 - 2018

Portland State University – *University Honors scholarship for academic excellence*, 2016

International Federation of Sport Climbing – *Semi-finalist at Youth World Championships* 2015, 2016, 2017

November 2020