

Hodaka Nakamura

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EDUCATION

University of California, Irvine Bachelor of Science in Computer Science <ul style="list-style-type: none">Campus-Wide Honors CollegiumRelevant Coursework: Python Programming, Boolean Logic	Expected June 2028 Irvine, CA
Ida B. Wells-Barnett High School High School Diploma <ul style="list-style-type: none">GPA: 4.21	June 2024 Portland, OR

WORK EXPERIENCE

Software Engineering Intern TOPPERS (Toyota Hashi Open Platform for Embedded Real-time Systems) Hakoniwa WG <ul style="list-style-type: none">Engineering the Hakoniwa virtual environment for simulating real-world systems (e.g. drones)Introduced real-time audio streaming to cloud-based microcontroller simulations, working with signal processingWorked with C#, Python, and BashTranslated Japanese presentations to English for a University of Tokyo professor, contributing to the team's globalizationCreated the drone 3d model for the team's first drone simulation using Blender	June 2023 - Present Japan
Part-time Fullstack Web Developer Portland State University Fariborz Maseeh Department of Mathematics and Statistics <ul style="list-style-type: none">Integrated a customized course feature for a website to teach analysis and group theory to college studentsDeveloped both server-side and client-side code using HTML, JavaScript, CSS, PHP, SQLite, and jQuery	June 2021 - August 2022 Portland, OR
Part-time Math Tutor Mathnasium Learning Center <ul style="list-style-type: none">Worked alongside multiple tutors to help K-12 children with math up to calculus, significantly assisting many students with their schoolwork	June 2023 - May 2024 Portland, OR

PROJECTS

DevBot <ul style="list-style-type: none">Private Discord bot to moderate, assign roles, and educate in programmingUsed in server with over 50k membersMainly written with Node.js and Discord.js	2020
Unpublished Research Paper <ul style="list-style-type: none">Wrote an unpublished research paper with a mentor through the Inspirit AI+X 1:1 Research Mentorship programUsed time series models (RNN, LSTM) to forecast the future number of Sunspots using Kaggle datasets, can help with space forecasting	2023
Portfolio Website <ul style="list-style-type: none">A personal portfolio made with Next.js and hosted with Vercel	2024

SKILLS

Technical

Proficient in C++, JavaScript, C#, Python, HTML, CSS, jQuery, p5.js, Node.js, Discord.js, Tensorflow, NumPy, pandas, Unreal Engine, Unity, openFrameworks, Java, React.js, Next.js, Bootstrap, Tailwind CSS
Utilize Bash, Visual Studio Code, JetBrains IDEs, Github, Git Bash, GitKraken, Jupyter
Fluent in Japanese

EXTRACURRICULAR ACTIVITIES

High School Chamber Orchestra First Violin Concertmaster <ul style="list-style-type: none">2x District Champion (Ensemble), 2022, 20232x State qualifier (Ensemble), 2022, 20231x District runner-up (Solo), 20231x State qualifier (solo), 2023	August 2020 - June 2024
United PDX 06 Premier Club Soccer <ul style="list-style-type: none">Played in four different teams, the last being the 2nd-tier Premier team	May 2019 - April 2023