






Amay Bansal

Computer Science Student @ Paul G. Allen School

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EDUCATION

UNIVERSITY OF WASHINGTON | BACHELORS IN CS, MINOR IN ENTREPRENEURSHIP

2021-Present

- **Current Coursework:** Machine Learning • Software Design and Implementation • Software Entrepreneurship
- **Past Coursework:** Hardware Software Interface • Accounting • Probability and Statistics • Discrete Math
- **Cum. GPA 3.88/4.0**
- **Planned completion by Spring 2023:** Intro to Data Management • Systems Programming • Natural Language Processing • Computer Vision

BELLEVUE COLLEGE | RUNNING START

September 2020 - June 2021

- Calculus Based Physics 1 and 2 • Microeconomics • Data structures in Java
- Calculus 3 and 4 • Differential Equations • Linear Algebra
- Intro to Web Development
- **Cum. GPA 4.0/4.0**

EXPERIENCE

ARISTA NETWORKS | SWE INTERN

June 2022 – September 2022 | Santa Clara, CA

- Description: Will work on a web platform for managing, automating, and monitoring deployments of arista switches.
- Skills To Be Learned: Linux, Git, Jenkins, Containers, ESX, KVM, Front End work (JS), Back End Work for scripting (shell, python, go) and big data distributed clusters (hadoop/hbase/hazelcast/zookeeper)
- [Arista Website](#)

INSTITUTE FOR SYSTEMS BIOLOGY | COMPUTATIONAL MODELING

July 2020 – January 2021 | Seattle, WA

- Worked with 3 other students to analyze factors affecting algae biofuel cultivation using Jupyter Notebooks and Python Libraries
- Skills Learned: **Jupyter Notebooks, Python, Statistical Analysis, Data Analysis**
- [Link to Project Page](#)

MICHAEL A. MACINNES DENTISTRY | DENTAL ASSISTANT

July 2021 – September 2021 | Sammamish, WA

- Performed a variety of tasks in the general dental healthcare practice including Prophylaxis/Floss, taking X-Rays, CT scans, taking impressions for crowns, sterilizing rooms, maintaining infection control, and communicating with patients.
- Skills Learned: **Communication, Teamwork, Customer Service**
- [Michael Macinnes Dentistry Website](#)

SKILLS

PROGRAMMING

Experienced:

Python • Java • Pandas • LaTeX • Numpy

Proficient:

C • Terminal • JavaScript • Bash • CSS • HTML

Familiar:

Shell • Assembly

ACTIVITIES

UW FINANCE ASSOCIATION

MEMBER

Sep 2021 - Present | Seattle, Washington

UW CHESS CLUB

MEMBER

Sep 2021 - Present | Seattle, Washington

1900 rated

REFERENCES

Ananta Gudipaty | Director
Amazon

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Francis Yoon | Dentist
Michael A MacInnes Dentistry

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Brad Stenslad | CEO
AllAboutChess

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AWARDS

**USA Presidential Scholar
Semifinalist** 2021