






# Amay Bansal

Computer Science Student at University of Washington

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## EXPERIENCE

### 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
- Learned how to use the pandas, sklearn and numpy libraries
- [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, taking X-Rays, CT scans, taking impressions for crowns, sterilizing rooms, maintaining infection control, and communicating with patients.
- [Michael Macinnes Dentistry Website](#)

### JUNIOR CHESS ACADEMY | FOUNDER AND CHESS COACH

March 2020 – Present | Sammamish, WA

- Started a chess company to teach and train kids to play chess
- [JCA Website](#)

## EDUCATION

### UNIVERSITY OF WASHINGTON | BACHELORS IN CS, MINOR IN ENTREPRENEURSHIP

2021-Present

- Foundations of Computing 1 and 2 • Advanced Data Structures
- The Hardware Software Interface • Intro to Accounting
- **Cum. GPA 3.97/4.0**

### 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**

### EASTLAKE HIGH SCHOOL | HIGH SCHOOL

September 2017 - June 2020

- AP Physics 1 and 2 • AP Chemistry • AP Biology • AP CSA
- AP Calculus AB/BC • AP Statistics
- UW Astronomy 101/150
- **Cum. GPA 4.0/4.0**

## AWARDS

2021	USA Presidential Scholar Semifinalist	1 of 625 HS Seniors selected in the US
2020	National Merit Scholar Semifinalist	High PSAT Scorer

## SKILLS

### PROGRAMMING

Proficient:

C • JavaScript • CSS • HTML

Experienced:

Python • L<sup>A</sup>T<sub>E</sub>X • Java

Familiar:

Shell • Assembly