






Amay Bansal

Computer Science Student @ Paul G. Allen School

 www.amayb.tk  [aabansal](https://github.com/aabansal)  [li-amay-b](https://www.linkedin.com/in/amay-b)  amayb@uw.edu  (425) 773-7451

EDUCATION

UNIVERSITY OF WASHINGTON | BACHELORS IN CS, MINOR IN ENTREPRENEURSHIP

2021-Present

- **Data Structures and Parallelism:** Hand coded data structures such as Tries, ChainingHashTables, LinkedLists, MinFourHeaps, and more to develop a predictive chatbot
- Hardware Software Interface • Accounting • Foundations of Computing 1 and 2
- **Cum. GPA 3.97/4.0**
- **Spring 2021:** Intro to Data Management • Software Design and Implementation

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

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](#)

JUNIOR CHESS ACADEMY | FOUNDER AND CHESS COACH

March 2020 - Present | Sammamish, WA

- Started a chess company to teach and train kids to play chess
- Skills Learned: **Entrepreneurship, Web Development, Leadership, Marketing**
- [JCA Website](#)

AWARDS

2021 USA Presidential Scholar Semifinalist 1 of 625 HS Seniors selected in the US

SKILLS

PROGRAMMING

Experienced:

Python • Java • Pandas • LaTeX • Numpy

Proficient:

C • Terminal • JavaScript • 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

✉ ananta@sreem.com

☎ +14254421831

Francis Yoon | Dentist
Michael A MacInnes Dentistry

☎ +14253657613

Brad Stenslad | CEO
AllAboutChess

✉ theallaboutschooll@gmail.com

☎ +4254422723