

Jeremy H. Li

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EDUCATION

University of Washington

September 2013-Present

- B.S. Chemistry, Physics (in progress)
- Major GPA: 3.8

New York University – Leonard Stern School of Business

August 2012-June 2013

- Coursework: Microeconomics, Statistics, Accounting

Newport High School, Bellevue, WA

September 2008-June 2012

- GPA: 3.9
 - Class rank: 26/422
 - Awards: National AP Scholar (2011), National Merit Semifinalist (2012)
 - ACT Score: 35
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EXPERIENCE

Computational Biology Research Group, University of Washington

Summer 2011, September 2013-present

Current Work

- Worked in the CANDO (computational analysis of novel drug opportunities) project in setting up a cloud-based AI agent interaction system in order to eventually personalize CANDO to individual proteomes and protein sequences.

Summer 2011 Work

- Used statistical software to analyze the occurrence and prevalence of cysteine anchored loops in proteins, and presented these findings in weekly group meetings, looking specifically at this function in viral-related proteins.
- Collaborated with co-workers and mentors to determine the adaptational advantage of variable amino acid loops such as in HIV envelope glycoprotein GP120.

Kaerberlein Lab, University of Washington

September 2013-Present

Researcher

- Implemented yeast lifespan experiments passed down by postdocs and other labs, primarily by measuring the yeast cells' replicative life span through microdissection of daughter cells from dividing mother cells.
- Observed, through these experiments, the effect of genotype, dietary restriction, drug intervention, and other environmental factors on the replicative life span of yeast.

Imaizumi Lab, University of Washington

June 2011 – February 2012

Research Intern & Lab Assistant

- Learned a variety of laboratory procedures including PCR, yeast transformation, Western Blot, genomic DNA isolation from plant leaves, and SDS-PAGE.
 - Assisted grad students and PI in the implementation of lab experiments primarily involving *Arabidopsis* in order to elucidate the molecular mechanisms by which plants sense seasonal changes.
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SKILLS AND INTERESTS

- *Technical expertise:* Limited experience with Java, JMP, Python, MatLab, Unix/Linux
- *Languages:* Conversationally fluent in Cantonese (non-technical)
- *Interests:* Classical violin and music theory, cooking