

CHEN (GRACE) PEKKER

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EDUCATION

Harvey Mudd College, Claremont, CA, BS, Computer Science, expected graduation May 2019
Bellevue High School, Bellevue, WA, graduated June 2015

RELEVANT COURSEWORK

Introduction to Computer Science, Principles of Computer Science, Data Structures/Program Development, Multivariable Calculus, Differential Equations/Linear Algebra II, Discrete Mathematics

SKILLS

Programming: Python, Java, C++, Racket
Languages: English, Hebrew, Russian, French

SUMMER RESEARCH

Harvey Mudd College Computer Science Research May – August 2016

- Developed a tree multifurcation feasibility proof, created a software tool and implemented algorithms used for solving computational biology problems in Java and Python.
- Presented results at the Howard Hughes Medical Institute 5C Poster Session and Harvey Mudd Summer Research Poster Celebration.

Stanford University Pre-Collegiate Summer Institutes July – August 2014

- Studied Particle Physics at Stanford University and submitted a final paper on the applications of gamma rays and neutrinos, particularly for anti-proliferation purposes.

University of Washington Materials Camp July 2013

- Conducted research on washer lubricants alongside a Boeing mentor, presented findings at UW.

EXPERIENCE

Harvey Mudd Computer Science Department, Claremont, CA, Tutor Jan. 2017 – Present

- Provide weekly homework help for the Principles of Computer Science course.

Harvey Mudd Homework Hotline, Claremont, CA, Tutor Sept. 2015 – Dec. 2016

- Weekly tutor over the phone for grades 4-12 in any STEM subject.

Paper Source, Bellevue, WA, Part-time Customer Service Associate June 2015 – present

- Provide extraordinary customer service, engage with customers, and help drive sales.

Architecture, Construction, Engineering Mentoring Program, Bellevue, WA Sep. 2011 – June 2015

- Worked with engineering mentors on four yearlong projects, presented to an audience.

EXTRACURRICULAR & EDUCATION ACTIVITIES

5C Association of Computing Machinery Women's Chapter Member Sep. 2015 – Present

Claremont Hillel, First Year Students in Hillel Co-Chair Sep. 2015 – June 2016

Claremont Progressive Israel Alliance Board Member Sep. 2015 – June 2016

Sunday School Teacher's Assistant Sep. 2011 – June 2015

BHS National Honor Society Captain April 2013 – June 2015

BBYO, Halom BBG, Chapter Vice President and VP of Holiday Planning Jan. 2014 – June 2015

Bellevue School District Superintendent Student Advisory Oct. 2012 – June 2013

AWARDS

Recipient of the BECU Foundation Merit Scholarship (2015), AP Scholar with Distinction (August 2014)