

Peter Hong

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Education

Canyon Crest Academy

San Diego, CA

HIGH SCHOOL DIPLOMA IN ADVANCED COURSEWORK: AP CALCULUS AB, AP CALCULUS BC, AP PHYSICS 1, AP PHYSICS 2, AP COMPUTER SCIENCE, AP ENGLISH LANGUAGE AND COMPOSITION, AP MICROECONOMICS, AP UNITED STATES HISTORY, AP WORLD HISTORY, ADVANCED JOURNALISM, HONORS CHEMISTRY, HONORS PRECALCULUS
GPA: 4.62

August 2018 – June 2022

Experience

Brain Health Alliance Virtual Institute (BHAVI)

Ladera Ranch, CA (Virtual)

RESEARCH INTERN

May 2020 – January 2021

- Co-authored two research manuscripts for publication in IEEE TransAI 2020 and Brainiacs Journal of Brain Imaging and Computing Sciences
- Led student meetings and participated in weekly mentor meetings and intellectual discussions regarding weekly tasks
- Conducted literature reviews on semantic web, knowledge engineering, and neurodegenerative diseases
- Created OWL 2.0 ontology outlining symptoms of Alzheimer's disease, different types of Dementia, and included other neurodegenerative diseases
- Led a team of 3 to create the fastest running BibTeX parser using C# in Visual Studio Code

University of California San Diego

San Diego, CA

RESEARCH ASSISTANT

June 2020 – August 2020

- Compiled a large dataset of roughly 3,500 data entries using Google Spreadsheets and inspected large volumes of data sheets to select relevant information
- Worked with UCSD Economics PhD Candidate Radhika Goyal on digitizing Indian Census data for a project studying the impact of local jurisdiction size and the distance of village headquarters on the provision of local goods

Fusion Insider

San Diego, CA

FOUNDER AND EDITOR-IN-CHIEF

March 2020 – Present

- Founded online publication covering business and technology topics
- Utilize Squarespace and Google Analytics to track over 8,500+ viewers
- Manage website and organization email and serve as head of recruitment
- Supervise tasks and deadlines of 21 staff writers and oversee editing process before publishing

Pulse Magazine

San Diego, CA

ONLINE EDITOR-IN-CHIEF

August 2019 – Present

- Write articles on a quarterly basis and assist with layout design for award-winning CCA Pulse Magazine
- Responsible for publishing articles with corresponding image at ccapulse.com
- Manage individual deadlines of CCA Pulse online for all writers on staff

Skills

Programming Languages: LaTeX, Java, Python, HTML/CSS, C#

Tools and Technologies: JabRef, Protégé, Git, GitHub, semantic web, .NET Framework

Honors and Awards

September 2020 **Co-Author**, Manuscript published at 2nd International Conference on Transdisciplinary Artificial Intelligence (TransAI)

IEEE Xplore

December 2020 **Co-Author**, Manuscript published in inaugural issue of Brainiacs Journal of Brain Imaging and Computing Sciences

Brainiacs Journal

June 2020 **First Place Award**, Worked in team of 3 to create fastest running BibTeX parser in Visual Studio Code 2019 (Speed Competition)

Software Engineering Competition

December 2020 **Top 25 Team**, Led team of 4 in Wharton Global High School Investment Competition (Region 3)

Wharton Global Youth Program