Jenson Phan
http://www.jensonphan.com

Email : jphan@uci.edu
Mobile : +1-562-222-2222

EDUCATION

University of California, Irvine Irvine, CA
Bachelor of Science in Computer Science: GPA: 3.75 *Sep. 2024 – June 2026*

Long Beach City College Long Beach, CA
Associate of Science in Computer Science and Mathematics: GPA: 3.92 *July 2022 – June 2024*

RESEARCH

University of Irvine, California Irvine, CA
Assistant Researcher *December 2025 - Current*

Fast Replanning Incremental Heuristic: Under Dr. Sven Koenig, developing D* Lite, a search method faster than A* searches, dealing with incomplete information to interleave search with action execution.

PROJECTS

Overleaf LaTeX Suite Extension
Developer *2023 - Current*

- **Features**: Custom UltSnippet Shortcut utility tool equivalent to Gilles Castel's Vim and LaTeX original implementation, now imported and refined on Overleaf as an extension.
- **Impact**: On Obsidian Community Extension Market- 50,000+ Downloads

nushell
Open-Source Contributer *2024 - Current*

- **What is nushell?**: The project nushell take's the Unix ideas of how shells on Linux-based systems work, and connects simple commands together, all in order to bring it to the modern style of development
- **Features**: Developed the user interface and directory stack in Rust, React, and C++

Custom C++ Compiler
Sole Developer *2024 - Current*

- **Design/Implementation**: Features of this compiler include parsing, lexing, unit testing, and immediate response generation.
- **Tools/Frameworks**: Developed using primary C++ 95 % and 5 % Python. Frameworks used were Git, PyTorch, CMake, Bison, and Utilized Flex

EXPERIENCE

University of California, Irvine Irvine, CA
Learning Assistant *December 2025 - Current*

- **ICS 46**: Clarified, explained, and elaborated on topics to students enrolled in ICS 46 at UCI in Data Structures and Algorithms relating to implementation and mathematical analysis of fundamental data structures and algorithms, and allocation and memory management techniques.
- **ICS 6D**: Discrete Math II: mathematical induction, combinatorics, number theory
- **ICS 6B**: Discrete Math I: relations and their properties; Boolean algebras, graph theory, set theory, finite automat

Long Beach City College Math Success Center Long Beach, CA
Mathematics Tutor *Feb. 2022 - June 2024*

- **Mathematics**: Provided guidance, tutoring, and aid to students at Long Beach City College in the subject Math ranging from College Algebra - Multi-Variable Calculus

PROGRAMMING SKILLS

Languages: C/C++, Java, Python, HTML/CSS/JavaScript, SQL
Frameworks: React, Node.js, Django
Cloud Platforms: Docker, Kubernetes, Azure, AWS
Version Control: Git