Son Tran

Email: sontran@berkeley.edu; Mobile: +1-714-909-5396

EDUCATION

- University of California, Berkeley — Berkeley, CA
  Bachelor of Science in Electrical Engineering and Computer Science; GPA: 4.00 — *Aug 2018 – Dec 2020*

- Golden West College — Huntington Beach, CA
  Associate of Science for Transfer in Computer Science; GPA: 4.00 — *Jan 2016 – May 2018*

RELATED COURSEWORK

- CS 61A - The Structure and Interpretation of Computer Programs, EE 16A - Designing Information Devices and Systems I, Single Variable and Multivariable Calculus, Differential Equations, Applied Linear Algebra, Calculus-based Physics: Mechanics, Electricity/Magnetism, and Modern Physics, C++ Programming Language, Java Programming Language, Data Structures and Algorithms with C++ and Java, Discrete Structures

RESEARCH EXPERIENCE

- **California State University, Fullerton** — Fullerton, CA
  Undergraduate Research Experience — *Jun 2018 – Aug 2018*
  - Used Apache Spark running on Hadoop to implement and test different algorithms to solve multiclass classification problems

- **NASA Jet Propulsion Laboratory (JPL), California Institute of Technology** — Pasadena, CA
  Student Independent Research Intern Program — *Feb 2018 – May 2018*
  - Used Kafka Streams framework and Java programming language to implement a streaming application to process real-time data
  - Learned about space communication and radio communication by researching Deep Space Network

WORK EXPERIENCE

- RiverCrane Vietnam — Ho Chi Minh, Vietnam
  Software Developer — *Aug 2014 – Aug 2015*
  - Developed three new features for an e-commerce platform by analyzing requirements, designing a solution and implementing the idea
  - Maintained a running development environment consisting of a server and several databases by regularly checking configurations and system logs
  - Coded and tested two development tools based on software specifications and designs

- A Local Computer Repair Shop — Ho Chi Minh, Vietnam
  Technical Support — *Oct 2010 – Aug 2014*
  - Repaired computer software and hardware problems by inspecting the situation and communicating with the users

SKILLS

- **Programming Languages**: Java, Python, C++/C, Scala, SQL, JavaScript, bash (shell scripting), PHP

- **Technologies**: Apache Spark, Apache Hadoop, Apache Kafka, Linux, ssh and vnc

- **Bilingual**: fluent in both English and Vietnamese

HONORS AND AWARDS

- University of California, Berkeley — Berkeley, CA
  Cal Alumni Association - Achievement Award Program — *Jul 2018*

- Golden West College — Huntington Beach, CA
  Academic Honors Recognition — *May 2017, Feb 2018*

- Jack Kent Cooke Foundation — Lansdowne, VA
  Semifinalist for Jack Kent Cooke Undergraduate Transfer Scholarship — *Dec 2017*