Kevin Yin

(909) 839-3837 | www.kevinyin.com | yinkevin8@gmail.com

EDUCATION:

University of California, Irvine   **Class of 2018**

Bachelor of Science: Computer Science
Major GPA: 3.3

SKILLS:

- **Strong:** Java, Python, PHP, HTML, CSS, **Proficient:** C++, C, Javascript
  Experience in: MySQL, Linux , Angular, Node, AWS, Elasticsearch, HyperV, SVN, Visual Studio
- **Coursework:** AWS Certified Course, Databases and Web Applications, Java Programming, Data
  Structures, Design and Analysis of Algorithms, Machine Learning and Data Mining, Data Management

WORK EXPERIENCE:

Phase Four   **June 2017- Present**

Software Engineer Intern
- Designed and constructed company's official inventory database application for engineering parts and
  documents to dramatically improve data access efficiency, management, and security
- Presented stakeholders with periodic updates to continuously elicit requirements and objectify project goals
  throughout development process
- Ensure superb employee experience by maintaining application through constant UI/UX bug fixes and new
  feature implementations

UCI Institute for Memory Impairments and Neurological Disorders (MIND)   **June 2016- July 2017**

Software Engineer Intern
- Configured and managed Linux virtual machine servers for customer relationship, log management, and
  business intelligence software to assist MIND researchers and organize their data
- **Log Management ELK Stack:** installed and maintained instance of Elasticsearch, Logstash, and Kibana
  monitoring stack. Used python to parse thousands of XML system logs to monitor network for security and
  stability issues. Configured secure SSL verified connections between client and host on an Nginx framework.

PROJECTS:

Nutri-Link: UC San Diego Hackathon, 4th place Genome Link API   **October 2017**
- Applied Illumina's Genome Link REST API and Edamam's recipe API to create customized nutritional
  profiles that suggest healthy recipes to users based on traits drawn from their sequenced genome
- Streamlined development process by using Express.js and Pug frameworks on a Node.js server
- Parsed thousands of recipes and their nutrient values through hashing algorithm that maps phenotypes
  to corresponding nutritional needs (e.g. low sodium for high likelihood of cancers)

Phase Four NEXUS: kevinyin.com/Nexus   **June 2017 - Present**
- Involved in full stack development with database application in HTML, CSS, PHP, Bootstrap, Firebase,
  and Javascript on a LAMP virtual machine
- Utilized Google and JIRA REST APIs for secure Oauth user recognition and automated issue creation
- Implemented custom part number generation, shopping cart using sessions, and searching and editing
  features through an easy to use UI to help engineers access and manipulate data 50% faster

Java Side Scroller Game (Crypto-Dragon): Cal State Long Beach Hackathon   **April 2017**
- Endless side scrolling with dragon flying through spiky cave to collect randomly generated Bitcoins
- Designed flying sprite physics and collision detection algorithms to simulate dynamic dragon
  movement, coin collection, and game over scenarios
- Utilizes Javax swing and runnable interface to constantly re-render frames to simulate side scrolling,
  multithreading to efficiently utilize processing power, and parallax scrolling for depth effect

Java Movie Browsing/Buying Application   **March 2017**
- Collaborated to design Java back-end movie transaction website using HTML, CSS, JavaScript, built on a
  Linux EC2 instance hosted on AWS
- Used prepared statements and connection pooling to increase movie search query speed by 20%
- Implemented Java SAX XML parsing algorithm and batch updates to improve upload speed of
  thousands of movie titles and actors by 30%