***PERSONAL SUMMARY***

Experienced working collaboratively with people in diverse backgrounds to accomplish common goals.Enhances quality of a team by outlining projects in agile fashion. Provides fast, reliable and requirement-oriented software projects.

***OBJECTIVE***

Seeking Fulltime employment opportunity. Available starting Aug 2017; open to relocation.

***WORK EXPERIENCE***

**Cloud Engineering Internship**, YPCloud, Taipei, Taiwan, June/2016 – August/2016

* Planned and presented an exhibition for 100 invertors, future investors and engineers regarding cloud service
* Cooperated with senior software engineers to build a cloud computing application (Cloud video convertor)
* Led a team of 7 individuals to elaborate a script of IOT service and demonstrate to future investors

**Instructional Assistant,** The Ohio State University, OH – Aug/2016 – May/2017

* Assisted over 80 students to succeed in system and networking courses
* Prepared projects and lead students to right paths with proper inputs; work 13 – 17 hours per week

**Undergraduate Researcher,** The Ohio State University, OH – Jul/2017 – Present

* Work in a team of four to consolidate big data and develop apps and websites for WoC community
* Lead the team to construct two projects, i.e., WoC faculty database and WoC social site, as project manager

***INDIVIDUAL/TEAM PROJECTS***

**Computer Networking Projects**, The Ohio State University, Columbus, OH, Jan/2016 – May/2017

* Implemented a messenger application using Java and TCP/IP protocol
* Constructed TCP based on UDP, such as checksum algorithm, delta-timer and circular buffer implementations
* Socket programming to build a system-like IOT to provide passages for communication of various objects
* Information security ideas such as secure communications (encryption)

**Website Development**

* **IMR** - An enterprise level capstone project working in a team of 10 students. Acting like cloud platform, with exceled UI and functionalities, for app developer to share data online
  + Reconciled between technical team and clients as scrum master to fulfil their needs
  + Implemented with ASP .NET, Bootstrap, JQuery and MS SQL server, Jan/2017 – May/2017
* **Shopping Mall** - Created an online shopping mall that manages CRM using Java
  + Designed a website using JS, html and MySQL, May/2014 – Aug/2014
* **OSU Garage Website -** Built a website that keeps track of available parking space on OSU campus
  + Front-End and Back-End on Ruby on Rails including database and testing, Aug /2016 – Dec/2016

**Artificial Intelligence Projects**, Jan/2017 – May/2017

* AI agents like Mars compounds simulator, puzzle solver and GPS route finder; code in short runtime manner
* Discrete machine learning, reasoning utilized in classification, cluster and regression measure

**Android App Development**, Oct/2015 – Jan/2016

* Develop educational products and function-oriented tools such as Riemann sum calculator
* Responsible for light CPU load programming and user friendly UI design

***COMPETITIONS***

**Big Data Case Competitions**, The Ohio State University, Columbus, OH, Nov/2015 – Jan/2017

* Lead a team of four individuals working for local companies to mine data and find potential trend
* Provide ideas to other members on project development and future measures
* Deliver presentations regarding findings to companies that points out pros and cons

***EDUCATION***

**The Ohio State University,** OH **–** Aug/2017 GPA: 3.1 Major GPA: 3.7

B.S. Computer Science Engineering

***CORE QUALIFICATIONS***

* Backend web development using Java, ASP .NET, Python, SQL, Ruby on Rails and frontend using html and JS
* Experience in socket programming in C and Java and cloud computing development with TCP/IP protocol