

Associate Data Scientist Associate Data Scientist San Jose, CA Seeking for a full time software engineer position Authorized to work in the US for any employer Work Experience Associate Data Scientist University of Oregon AIM Lab - Eugene, OR September 2016 to November 2016 Developed a Natural Language Processing(NLP) Python application by Concurrent Neural Network to predict a sentence by given 3 seed words. Created a Python scraper to collect training and testing articles from various new websites. Hands on experience about how to apply pandas Data Frame for data analysis. Python and PHP Developer Peekabuy - San Mateo, CA August 2016 to August 2016 Created a fully functional image processing Python application to crop clothing from photos. Designed and combined algorithms to save 90% running time. Applied RGB and PIL to process images to collect related clothing's vision information. Enhanced accuracy by shrinking image to get main hue, cutting unrelated background, etc. Talked with server to upload all cropped image automatically. Developed a website to communicate with server to show all results. iOS/Swift2 Developer Self - Eugene, OR March 2016 to April 2016 Created a RSS reader to show news titles and images from TechCrunch. Used NSXMLParser to parse article titles, links, images from TechCrunch's XML page. Applied UITableView to show article titles and images of news. Redirected users to TechCrunch's website via UIWebView. Provided neat UI design with simple operations to make it user friendly to all ages users from 3 to 80. Hands on experience of using external info resource to support app development. Java Developer Self - Eugene, OR February 2016 to March 2016 Predicted a user's rating to a specific song Applied Java to do data preprocessing, data table combination, cleaning, transformation and selection Compared 6 different algorithms' results by using 70% clean data for training and the rest of 30% for testing Trained and tested data by each algorithm on Weka to get its accuracy value Hands on experience of applying AI algorithms and knew pros and cons of each algorithm PHP/MySQL Developer Self - Eugene, OR January 2016 to February 2016 Built a website for hotel managers to edit, update, delete their hotels' basic info, images on server. Gave managers' right to access to their accounts to check guests' contact and booking info. Enhanced 20% safety coefficient by protecting managers' accounts with encryption technique. Designed extendable database and

developed web by MVC pattern to keep its expandability. C++ Developer Self - Eugene, OR
October 2015 to October 2015 Built a handy cross-platform desktop application runs on Mac and
Windows for users to manage contact info. Cooperated with teammates to construct the project,
write design document and guide. Applied QWidget to create all user interface objects
Implemented QFile to export, import contact info files to application Hands on experience for Qt s
basic, border, flow layout. iOS/Swift Developer SELF - Eugene, OR June 2015 to August 2015
Created a travel diary mobile application which can access to device photos and geographical
location. Implemented Core Data to store password, diary, photos, location info locally.
Enhanced 20% user privacy safety by secure login and only user allowed per device Extensive
understanding for CoreLocation, UIImagePickerController, AutoLayout and hands on experience
using Swift (1.2). Education Bachelor's in Computer and Information Science University of Oregon -
Eugene, OR 2012 to 2016 Skills Python (2 years), Java (2 years), PHP (1 year) Links
<https://github.com/Tangzekun> <https://www.linkedin.com/in/tangzekun> <https://angel.co/zekun-tang-1>
Additional Information Skills Programing Languages: Swift, Python, Java, MySQL, C, C++, PHP,
HTML, CSS, JavaScript IDE: Xcode, Eclipse OS: Linux, Mac, Windows Tools: Workbench, Github,
Bitbucket, AWS

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