

WEI-LING (ANNY) HSU

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TECHNICAL SUMMARY

Big Data & Visualization	Scala, Python, Spark, Hadoop, MySQL, PostgreSQL, AWS (EC2, EMR, S3, Athena, Lambda), Akka, Druid, InfluxDB, Tableau
iOS Development	Swift, Objective C, Alamofire, UIKit
Web Development	Java, Spring, Thymeleaf, HTML, CSS, JavaScript, node.js, jQuery, Bootstrap, AJAX
Containerization Tools	Docker, Kubernetes
Certification	AWS Certified Developer - Associate

EDUCATION

B.S. Computer Science University of California, Davis Class of 2017 GPA 3.73/4.00	<ul style="list-style-type: none">Honors and Awards : College of Engineering Deans' Honor List (four quarters) John E. Rowland Engineering Scholarship (2014-2015 Academic Year) UC Davis Provost's Award Scholarship (2013-2017 Academic Years)Junior year abroad at University College London
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WORK EXPERIENCE

Data Engineer Intertrust Technologies Sunnyvale, CA, US Jul 2017 - Present	<ul style="list-style-type: none">Develop real time analytics data pipeline processing billions of events.Develop Spark applications for data ingestion, enrichment, cleansing, validation.Generated a proof-of-concept for using Tableau to create visualization from data in MySQL, S3, and InfluxDB, scaling up to running Tableau server in production. Scala, Python, Spark, Hadoop, MySQL, PostgreSQL, Tableau, AWS (EC2, EMR, S3, Athena, Lambda), Docker, Kubernetes, Minio
Technology Analyst Intern Credit Suisse London, UK Jun 2016 - Aug 2016	<ul style="list-style-type: none">Redesigned the team's existing data management tool by redefining relational database schemas and developing a Java REST web application for managing various projects' deployment environment data. Java, SQL, Spring Boot, Javascript, HTML, CSS, Bootstrap, jQuery, Thymeleaf
Product Management Intern HeadFirst.io London, UK Jan 2016 - Aug 2016	<ul style="list-style-type: none">Conducted market research, social media analysis, and created use cases and personas for clients' products.Involved in the company founding process by analyzing business models, identifying competitors, and building company website. HTML, CSS, Bootstrap, Javascript, Product Management, Entrepreneurial Spirit
Research and Development Engineering Intern Chocolabs Taipei, Taiwan Jun 2015 - Sep 2015	<ul style="list-style-type: none">Tested deep linking and analytics SDKs features with iOS apps; worked with engineering team, marketing team, and product managers to integrate the SDKs into five apps on both iOS and Android platforms to track marketing effectiveness and drive growth.Surveyed video ad networks in Asia-Pacific region, contacted 11 companies and partnered with 4 of them to supply mobile apps' ad demands.

RELEVANT PROJECTS

Melegant Jan 2017 - Dec 2017	<ul style="list-style-type: none">Developed an iOS app for hair designers and customers to discover hairstyles and book services with in-app payments. Swift, Alamofire, UIKit
Warcraft II Jan 2017 - Mar 2017	<ul style="list-style-type: none">Ported 1995 real-time-strategy game Warcraft II from Linux onto iOS platform. Swift, Core Data, Core Graphics, UIKit