Jerome Yang

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Summary

- 5.5-year industrial experience of developing user-facing software in Agile environments.
- Programming in JavaScript (Angular, d3, jQuery; ES6), Java (spring framework, hibernate) and Python.
- Knowledge and interest in data structure, algorithms, UI/UX design, visualization, maps, and linguistics.
- An experienced, energetic and passionate product owner, team player and technical presenter.

Experience

Senior UI Engineer, Pointillist Inc.   **2014 - present**
- Developed and maintained the UI/UX of Pointillist, a customer-journey analytics platform as the primary developer and owner.
- Developed and maintained a Java-based REST interface to support UI/UX.
- Defined product requirements, researched technical solutions, and designed architecture to achieve business goals. Facilitated meetings as a scrum master in Agile development cycles.

Product Engineer, Esri Inc.   **2012 - 2014**
- Inventor of Esri's SmartMaps (US Patent 20160246468A1), a intelligent web visualization toolkit.
- Built prototypes and code samples for ArcGIS JavaScript API and ArcGIS mapping platform.
- Developed and maintained Python applications to localize products and generate API documentation.
- Presented to and communicated with users at Esri Developer Summit (3,000 attendees) and User Conference (15,000 attendees). Published technical posts on Esri's official blog.

Research Assistant, Harvard University Center for Geographic Analysis   **2011 - 2012**
- Developed Python applications to automate a data extraction, processing and visualization workflow.
- Extracted, transformed and visualized demographic, social and anthropological data on a collaborative online mapping platform.

Web Developer and Data Analyst, Department of Marine Resources, Maine   **2011**
- Developed and maintained interactive web map application for a state government agency using JavaScript.

Education

Online coursework in Algorithms, Big Data Analytics and Linguistics

M.S. in Geographic Information Science, Clark University, Worcester, MA   **2012**
GPA: 4.03/4.00

B.S. in Geography (minor in sociology), National Taiwan University, Taiwan   **2009**
GPA: 3.96/4.00 (ranked 1/36)