Jerome Yang

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Summary

- 5.5 years of experience full-stack (primarily front-end) development experience in agile environments.
- Solid skills in JavaScript (including Angular, jQuery and d3), Java (including spring framework and hibernate) and Python.
- Strong interest in UI/UX, visualization, computer linguistics and geographic information.
- A good product owner, team player, technical writer, presenter and event coordinator.

Experience

Senior UI Engineer, Pointillist Inc. Boston, MA, December 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 REST interface to support UI/UX.
- Defined product requirements, researched technical solutions, and designed architecture to achieve business goals.
- Facilitated meetings and tracked progress as a scrum master in Agile development cycles.

Product Engineer, Esri Inc. Redlands, CA, May 2012 - December 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 facilitate localization workflows and API documentation generation.
- Gave presentations to and communicated with external developer at Esri Developer Summit (3,000 attendees) and User Conference (15,000 attendees).

Research Assistant, Harvard University Center for Geographic Analysis, Cambridge, MA, September 2011 - April 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, Boothbay Harbor, ME, May 2011 - August 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

Master of Science in Geographic Information Science, Clark University, Worcester, MA, 2012
GPA: 4.03/4.00

Bachelor of Science in Geography (with a minor in sociology), National Taiwan University, Taipei, Taiwan, 2009
GPA: 3.96/4.00 (ranked 1/36)