James Hartanto

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Summary

After graduating with a B.A. in Chemistry and Economics with a minor in Mathematics, I was able to acquire a job at an energy startup. This was the first time I was exposed to programming; as I was encouraged to learn Python in order to quickly analyze the huge amounts of data collected. I am still passionate about Chemistry and technology; however, I want to challenge myself and solve various problems, therefore I took a boot camp Java course at the Iron Yard. Being a developer suits me because I enjoy learning.

Skills

- Java: Terminal - Version Control (Git and GitHub) - JUnit and TDD - Object-Oriented Programming - Persistence - Debugging - Serialization and Deserialization - SQL, PostgreSQL, and H2 - HTML - Spring - Thymeleaf - REST and API - Security
- Python, LabView, OriginPro, Stata, MatLab, Microsoft Office
- Others: Bilingual in English and Mandarin, laboratory techniques

Education

The Iron Yard Raleigh: Java course   February 2017 – May 2017

- Main projects:
  - Animal Shelter: Website that manages animals in a shelter by using a database.
    - GitHub, TDD, Persistence, SQL, PostgreSQL, H2, HTML, Spring, Thymeleaf
  - Snakes and Ladders: A multiplayer game designed with UI students where we designed the outcome of the game
    - GitHub, Serialization and Deserialization, HTML, Spring, Thymeleaf
  - Pick-tator: Website that allows users to create their own dictator and vote for or against other dictators
    - GitHub, Persistence, SQL, PostgreSQL, HTML, Spring, Thymeleaf, Security
- Worked well with front-end UI students to build projects, offered help to other students with debugging and class material, etc.

Occidental College   May 2015

Bachelor of Arts in Chemistry and Bachelor of Arts in Economics; minor in Mathematics

- Chemistry Research: PFDDA partitioning at Air-Aqueous Interface   Spring and Summer 2013, Spring and Summer 2014
- Economics Mock FOMC Meeting   Spring 2015
- Honors and Awards: Dean's List - Stauffer Trust Research Funding Recipient - American Chemical Society Certified

Experience

Junior Data Scientist at Energy Startup   February – December 2016

- Constructed electrical circuits both electronically and physically
- Created tests and experiments and conducted data analysis using Python
- Wrote reports on experimental results and patents on technological ideas

Junior Analyst at Cherokee   Summer 2015, December – January 2017

- Worked closely with principals of private equity fund manager and venture capital investment firm focused on real estate, energy and environmentally sustainable initiatives
- Completed training on accounting and reporting, financial analysis and modeling, regulations, fundraising and fund management, international business and corporate governance, including non-profit