Isabelle Ingato

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Princeton, NJ 08544   Toms River, NJ 08753

EDUCATION

Princeton University, Princeton, NJ   June 2017
A.B. in Computer Science, Certificate in Creative Writing   GPA: 3.75
Coursework includes: Algorithms & Data Structures, Computer Networks, Reasoning about Computation, Functional Programming, Programming Systems, Information Signals, Linguistics, Linear Algebra, Screenwriting, Global Justice

Toms River High School East, Toms River, NJ   June 2013
Salutatorian; Honorable Mention (top 4%), SIAM National Applied Math Challenge; Governor's Award in the Arts

PROJECTS

LinUs -- Co-creator/developer, Educational Linear Algebra Toolkit -- developed in 24 hours, HackPrinceton Fall 2014 -- http://erb2.mycpanel.princeton.edu/

Scrapbook -- Co-creator/developer, Facebook app -- Summer 2014 -- http://iingato.mycpanel.princeton.edu/

EXPERIENCE

Software Development Intern, **Epic**, Madison, WI   Summer 2015
• Developed a medication history visualization tool for physicians using JavaScript, jQuery, HTML5/CSS, & d3
• Presented at and participated in design meetings with practicing clinicians and UX designers
• Integrated project with existing codebase, working closely with full-time developers
• Project selected by a development division leader for presentation at annual company & customer-wide meeting

Extern, **Wattvision**, Princeton, NJ   Winter 2015
• Implemented a new time-of-use pricing feature in Python for the energy monitoring startup's website
• Updated codebase to sync with the latest version of a third-party sensor API and helped debug a feature on the site

Intern, **Princeton Summer Programming Experiences**, Princeton, NJ   Summer 2014
• Implemented the Eigenface Algorithm and used OpenCV to build facial recognition software in Java
• Designed & implemented a Facebook app that analyzes interconnections among friends using group photos
• Extensive pair programming with two teammates and collaborative meetings with professor advisers

SKILLS & INTERESTS

Java, C, JavaScript, HTML5/CSS3, Python, C++, Matlab, R, Unix, Natural Language Processing

Books: The Pragmatic Programmer, NLP with Python, Sentiment Analysis & Opinion Mining

Conferences: Grace Hopper 2015 with scholarship from Princeton CS Department

CAMPUS ACTIVITIES

Women in Computer Science, *Corporate Outreach Co-Chair, Projects Chair*   September 2013 – present
Innovation Magazine, *Staff Writer*   September 2013 – March 2015
Princeton Film Productions, *Webmaster, Board Member*   May 2014 – November 2014
Princeton Entrepreneurship Club, *Startup Camp Participant*   Winter 2014