

Maxwell Yeo

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EDUCATION

Johns Hopkins University, Baltimore, MD

Expected 2017

Bachelor of Science in Computer Science, GPA 3.7

Honors: *Most Valuable Peer Award 2016, 2nd Place Overall at HopHacks, Best use of LEAP Motion Controller.*

Trinity School, New York, NY

2007 – 2013

Prep for Prep, New York, NY

2006 – Present

A highly selective leadership development program that incorporates a rigorous 14-month academic component to prepare students for placement in leading independent schools and continues to work closely with the students through high school graduation and beyond.

WORK & LEADERSHIP EXPERIENCE

Pandora, Oakland, CA

June 2016 – Present

Software Engineering Intern

- Implementing an activity log into Pandora's inner curation platform combined with a discussion feature and versioning of application state to allow reverting to previous renditions of work.
- Coordinating Pandora's corporate social responsibility effort by leading the intern class in a backpack drive for a neighboring middle school. Leading the technical front including a splash page, donation form, and assorted graphical marketing assets.
- Developing an internal stack overflow for Pandora, complete with voting, commenting, answering, and search.

Semester.ly, Baltimore, MD

October 2015 – Present

Full Stack Software Engineer and UI/UX Lead

- Creating and maintaining a course scheduling platform to allow students to conveniently choose classes that fit their schedule, to replace their school's antiquated enterprise software.
- Full Stack development from database to front-end, SEO with over 16,000 pages indexed by Google.
- Over 120,000 unique timetables created, 1,700 accounts and counting, 900 30-day daily active users and counting, currently at 4 universities, 95% penetration at Johns Hopkins University.
- Coordinating with students, teachers, and school administrators to continually shape the product for all stakeholders, expand to other schools, and organize marketing efforts.

Hopkins Student Enterprises, Baltimore, MD

January 2015 – Present

Chief Technical Officer

- Manage, create and update 9 various web properties. Work with 8 different businesses and their managers to maintain websites and constantly improve business strategies by incorporating new technologies.
- Overhauled the Hopkins Student Enterprises website. In addition to creating a theme from scratch that suits the company's needs, I coordinated with photographers and videographers to create new assets that are more relevant and portray a stronger sense of entrepreneurship.
- Innovate and implement Point of Sale and Payment Systems for various companies online and in brick and mortar stores.

Moody's Analytics, New York, NY

June 2015 – August 2015

Structured Analytics and Valuations, Quantitative Analytics Team Intern

- Back testing enterprise applications, comparing economic model forecasts of dozens of historic asset-backed securities and actual deal performance.
- Constructed novel ways of displaying application results utilizing VBA to improve data visualization.
- Developed scripts in R to comb and filter data online for economic model development while also verifying the data source for possible discrepancies in metric definitions.
- Completed User Interface and Experience assessment of current products, suggesting possible optimizations to underlying mathematical operations to enhance speed and performance of the enterprise application by 2%.

Proscia Inc., Baltimore, MD

September 2013 – September 2015

Lead Designer and UI/UX Engineer

- Designed and developed Web Application and Splash Page; In charge of overall feel and design language of the company.
- Talked to pathologists and other stakeholders to construct a User Interface for Proscia's web application.
- Designed and engineered two user interfaces on top of a node express framework.
- Organized AB Testing to determine which interface was more popular.
- Collaborated with graphic designers to create designs to draw emotions such as security, reliability and professionalism.

SKILLS, ACTIVITIES & INTERESTS

Technical Skills: HTML, CSS, JavaScript, React, Java, C, Python, Django, Git, Photoshop, Illustrator, WordPress, R, SQL

Activities: Alpha Kappa Psi (Business Fraternity, Media Manager Officer), SLAM Hip Hop Dance Group (former Publicity Chair)

Interests: Consumer Electronics, Swimming, Hip Hop Dancing, Codepen (<http://codepen.io/yeo>), *Doctor Who*