Taylor Tu

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EXPERIENCE

RDE Systems, Little Falls, NJ — *Software Developer (Capstone)*

FEB 2018 - MAY 2018

- Designed and developed messaging system using Angular which encouraged AIDS patients to communicate with case workers.
- Created Coldfusion API and integrated messaging system into larger webapp for government AIDS Drug Assistance.

Trillium, New York City, NY — *Trillium LABS Intern*

JUNE 2016 - APR 2017

- Collaborated with a team to create a web app to display trading data in graphical and intuitive manner using WebGL, HTML5 canvas, and JS.
- Added new features based on customer feedback such as resizable windows, graphical functions, zoom, and stock search which simplified user interactions and provided better market picture.
- Responded to ticket issues, developed bug fixes, & pushed changes using JIRA and TortoiseSVN.

Forbes Media, Jersey City, NJ — *Software Engineering Intern*

JUNE 2015 - AUG 20153

- Analyzed Adblock development trends and contributed to creation of "adblock blocker" which increased company revenue.
- Gained experience with Google Tag Manager V2 & Google Analytics, SpringMVC, and website template design.
- Obtained experience with Git & Code Review via Phabricator/Arcanist.

EDUCATION

New Jersey Institute of Technology, Newark, NJ — *Computer Science and Applied Mathematics BS*

SEPT 2014 - JUNE 2018

- GPA 3.88 | Albert Dorman Honors College Scholar
- Albert Dorman Honors Scholarship, Faculty Scholarship
- 2017 & 2018 Albert Dorman Honors Leadership Award winner

Hanyang University (한양대학교), Seoul, South Korea — *Software Engineering*

MAR 2016 - JUN 2016

- Studied mathematics abroad and adapted to an unfamiliar environment

PROJECTS

Praise the Sun — *Global Game Jam 2016*

- Created fun & beautiful game using HTML5 canvas (http://taylork2.github.io/PraiseTheSun/)

PROGRAMMING LANGUAGES

- Java
- Python
- C, C++
- Bash
- HTML/JS/CSS
- MySQL, PHP

FRAMEWORKS

- Angular
- Spring MVC

ACTIVITIES

- **Nucleus Yearbook Head Layouts Editor** Design yearbook, create artistic direction, manage/train 15+ design staff
- **Technology Observer Editor in Chief** Manage editors & oversee creation of technology focused magazine
- **Women in Computing Sciences** Mentored colleagues in CS field.

VOLUNTEER

- **NJIT Splash** Founded & coordinated educational event for 300+ Newark youth in Spring 2017 & 2018. Won award for New Organization of the Year.

SKILLS

- Agile
- Scrum
- Problem solving skills
- Algorithms
- Adv. Numerical Methods