Philip **Xu**

Student · Software Engineer · Backend Developer

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"Forward unto dawn."

Education

Brown University   *Rhode Island, USA*

Sc. B. in Applied Math and Computer Science   *September 2016 - PRESENT*

Choate Rosemary Hall   *Connecticut, USA*

High School Diploma   *September 2012 - 2016*

Skills

Computer Science

Languages and Libraries

- Java, Python, Pyret, Objective C
- HTML, CSS, Javascript
- JQeury, Bootstrap, Node.js, Meteor.js
- MongoDB, SQL

Software

Software Usage

- Pycharm, IntelliJ IDEA, XCode
- Sublime Text 2/3, VIM, GNU Nano
- Terminal, SSH, Git
- Illustrator, Photoshop

Experience

Applico Inc.   *New York City*

Intern Software Engineer & Platform Developer & Backend Developer   *June. 2015 - August 2015*

- Implemented a social media platform for company employees.
- Utilized Node.JS, Javascript, HTML, CSS, Objective C, Java, Python, C, Raspberry Pi, Heroku Cloud Services, MongoDB NoSQL Database.
- Developed iOS application, Android application, Javascript based web-application, Node.js based backend deployed on Heroku Cloud utilizing MongoDB Database, Raspberry Pi to hardware interface.

Research, Optical Character Recognition(Dr. Matthew Bardoe)   *Connecticut, USA*

Researcher for Artificial Neural Network Based Optical Character Recognition   *Sep.2015 - June. 2016*

- Researched means of converting optical images of characters into text information using artificial neural networks.
- Implemented prototype that users can use to construct and train neural networks for their OCR uses.

GitHub Online Repositories   *USA*

Open Source Developer   *Sep. 2012 - PRESENT*

- Gained experience in contributing to open source software developments.