

Philip Xu

STUDENT · SOFTWARE ENGINEER · BACKEND DEVELOPER

69, Brown St, Mail 8978, Providence, RI 02912, USA

☎ (+1) 203-308-3693 | ✉ philipxjm1@gmail.com | 🏠 wonderphil.net | 📱 philipxjm | 🌐 philip-xu-2a47b799 | 📧 philipxjm

“Forward unto dawn.”

Education

Brown University

SC. B. IN APPLIED MATH AND COMPUTER SCIENCE

Rhode Island, USA

September 2016 - PRESENT

Choate Rosemary Hall

HIGH SCHOOL DIPLOMA

Connecticut, USA

September 2012 - 2016

Skills

Computer Science

LANGUAGES AND LIBRARIES

- Java, Python, Pyret, Objective C
- HTML, CSS, Javascript
- JQuery, 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.

INTERN SOFTWARE ENGINEER & PLATFORM DEVELOPER & BACKEND DEVELOPER

New York City

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)

RESEARCHER FOR ARTIFICIAL NEURAL NETWORK BASED OPTICAL CHARACTER RECOGNITION

Connecticut, USA

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

OPEN SOURCE DEVELOPER

USA

Sep. 2012 - PRESENT

- Gained experience in contributing to open source software developments.