

NEWMAN PERRY CATE

www.perrycate.me
NPCate01@gmail.com
(803) 509 - 1073

EDUCATION

Princeton University, Princeton, NJ
BSE Computer Science Major pursuing a Certificate in Chinese Language
Class of 2019

SKILLS

Languages

Experienced With

Java
PHP

Proficient With

Python 3
JavaScript
HTML5 + CSS3
MySQL
C

Have Used

TypeScript
Ruby
Bash
ActionScript
Visual Basic

Tools

- Extensive use of Git Version Control System
- Proficient using Maven for building projects
- Have used Linux as my primary OS for years
- Frequently manage personal Linux servers for file storage, project hosting
- Learning Node.js

Libraries

- Experienced with Java 8 Standard Libraries, especially relating to File I/O
- Experienced with Gson Java Library for serializing and deserializing JSON data
- Proficient with Angular.js
- Have worked with Google Web Toolkit
- Learning React.js

EXPERIENCE

GraySail LLC, Columbia, SC

June 2014 - August 2015

- Worked on Custom Lab Inspection / Radiation Tracking software
- Used Frontend angular.js with asynchronous calls to custom ORM backend
- Summer internship, was hired afterward, worked 14 months until starting college

GroupMe-Utils

(side project: June 2016 - Present)

- Wrote and Maintain Java Wrapper for interacting with GroupMe messaging app
- Developed utilities for dumping large group chats to text files
- Currently working on textual analysis of groups

Princeton Energy Heatmap

(club activity: Spring 2016 - Present)

- Program reads data feeds from Princeton University power meters
- Displays data as an interactive campus map
- Currently lead a team of current students to add door use metrics, fix bugs, and optimize performance

AWARDS

Eagle Scout

Jane Street "eth1" hackathon @ Princeton University - 1st Place

Google Games Spring 2016 @ Google NY Headquarters - 1st Place

BDPA 2014 National High School Programming Competition @ Indianapolis, IN - 2nd Place

OTHER ACTIVITIES

Princeton Sustainable Software Initiative Team Leader

Open Source Contributor

Member of "Lobster Club" Comedy Improv Group

Member of "Acapellago" A Capella group

Graduate of "Princeton in Beijing" Summer Language Program

REFERENCES

Hoke Currie, CEO of GraySail LLC - (803) 227-0787 x 6102, hoke@graysail.com

Robert Dondero, Programming Systems Lecturer - (609) 258-2211, rdondero@cs.princeton.edu