

NEWMAN PERRY CATE

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EDUCATION

Princeton University class of 2019
BSE Computer Science Major pursuing a Certificate in Chinese Language
Classes taken: Algorithms/Data Structures, Programming Systems, Reasoning about Computation, Operating Systems, Introduction to Logic Design

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
- Started as Summer internship, was hired afterwards (while still in high school)
- Worked 15 months total until starting college

GroupMe-Utils

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 group messages

Princeton Sustainable Software Initiative

Spring 2016 - Present

- Teach workshops on pragmatic software development practices (git, databases, etc.)
- Lead a team developing and maintaining environmentally-aware software
- Projects include energy use mapping, efficient room scheduling, wastefulness reporting

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

Open Source Contributor

Member of "Lobster Club" Comedy Improv Group

Member of "Acapellago" A Capella group

Graduate of "Princeton in Beijing" Mandarin Chinese Summer Language Program

REFERENCES

Hoke Currie, CEO of GraySail LLC

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