A L B E R T   G U O

albert@innoblue.org | (484)-252-6781 | http://alby.party

EDUCATION

THE PENNSYLVANIA STATE UNIVERSITY, UNIVERSITY PARK • B.S. in Comp. Statistics (2017)
Relevant Coursework: CMPSCI 201, STAT 200, 250, 301, DataSci 120, Econ 102, 104, 302, 304

WORK

Fellow • *PennApps Fellows Program, Summer 2014*
- One of eight students selected to participate in the first year of the PennApps Fellows not-for-profit program
- Created an health app to make organizing pickup games easier for the City of Philadelphia (PlayPickup)
- Software Used: MEAN Stack (Site+Survey), Ruby on Rails, Unix, Git, PostgreSQL, Heroku, Bootstrap

Software Engineering Intern • *Socialie Apps LLC, Summer 2014*
- Built analytical social media tools using Twilio and Twitter that abstracted the work of sending out tweets from celebrities to their social media managers
- Software Used: Java, Java Server Pages, Maven, Unix, Git, HTML, CSS, Javascript, JQuery, Bootstrap

Summer Intern • *JL Reyes Tax and Accounting, Summer 2013*
- Created a task manager in Microsoft Excel that updates based on time and urgency of task and created scripts within Excel to automate and check parts of the book-keeping process
- Software Used: Visual Basic, C#, and Microsoft Excel

HACKATHON PROJECTS

Toast Printer • *HackNY Spring 2016, 2nd Place,* bit.ly/toastprint
- Built a toaster that uses trigonometry to toast images onto bread by a disassembled toaster
- Technologies Used: Python, PIL, Arduino Uno, Git, A cheap $15 dollar toaster

Construct • *Civitas Student Success Hackathon, 2nd Place, bit.ly/construct*
- Created an app that matches students based on skills they have or want to develop in a project-based learning setting
- Technologies Used: Ruby, Ruby on Rails, SQLite, Unix, Git, Twitter Bootstrap

LectureGauge • *HackDuke Fall 2014, Featured on Coursera's Tech Blog, http://bit.ly/lecturegauge*
- Created an app that allows professors in large lecture halls to collect real-time feedback on how students are understanding the material being presented
- Technologies Used: React.JS, HTML, CSS, Yeoman, Twitter Bootstrap, Git, Unix, Firebase

ACTIVITIES

Data Analyst • *Nittany Data Labs, 2015 - Present*
- Work on projects in teams that help organizations at Penn State and outside corporations with interesting problems and large data sets
- Learn and Implement Neural Networks and Machine Learning systems with Python and SciKitLearn

Co-Director • *StartNYC, 2015- Present*
- Organized a tour to NYC to expose students to entrepreneurship and innovation (http://startnyc4.me)
- Startups include: Buzzfeed, Genius, MongoDB, DigitalOcean, TinyBop, Livestream, and MLH

Director • *HackPSU, 2014-2015*
- Led a 20 person team to organize a 400-500 person hackathon with an emphasis on learning
- Raised roughly $30K from corporate sponsors
- Taught up to 200 people on a variety of technical topics the week leading up to and during HackPSU