Dylan Huang

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EDUCATION

UNIVERSITY OF ILLINOIS AT URBANA–CHAMPAIGN

B.S. in Computer Engineering
Degree May 2019 | Champaign, IL
Technical GPA: 3.54

COURSEWORK

UNDERGRADUATE

Computer Systems Engineering
Data Structures
Discrete Structures
Digital Systems Laboratory
Computer Systems & Programming
Probability w/ Engr. App.
Analog Signal Processing
Introduction to Computing
Introduction to Electronics

OTHER

Code Path iOS University
AP Computer Science

SKILLS

PROGRAMMING

Most used:
Python • C++ • C • SystemVerilog
Ruby • CSS
Used before:
PHP • Swift • JavaScript • Java
Assembly • SQL • MATLAB • Bash
Technologies:
Rails • React • Angular • iOS
MySQL • PostgreSQL • Arduino • TTL
Juju • MAAS • Unix

DESIGN

Premiere Pro • Photoshop
After Effects

EXTRACURRICULARS

Theta Tau - Engineering Fraternity
Pulse - Tech Innovation Conference
Film Hobbyist - Won Film Awards

LINKS

GitHub:// **dphuang2**
LinkedIn:// **dphuang2**

EXPERIENCE

ARM

Server Performance Intern
May 2017 – August 2017 | Austin, Texas

- Developed infrastructure to benchmark server workloads across multiple architectures to discover and investigate performance issues
- Built continuous integration software with Jenkins to automatically trigger Python codestyling and provide in-line feedback on Gerrit Code Reviews

BERKMAN KLEIN CENTER AT HARVARD UNIVERSITY

Google Summer of Code | dylanhuang.com/streamsets_scripts
May 2016 – August 2016 | Cambridge, Massachusetts

- Successfully accomplished the integration of disparate data sources into 1 dataset by researching and designing an extensible data integration procedure
- Automated an otherwise error prone and time consuming data integration process used for thenetmonitor.org

RESEARCH

UIUC COMPUTER SCIENCE DEPARTMENT

Researcher | github.com/dphuang2/TweedStudy
August 2015 – Present | Champaign, IL

- Investigate user content preference and the possible placebo effect of a social media control panel for algorithm awareness
- Developed website control panel that filters a Twitter news feed by emotional sentiment, algorithmically generated social distance, and tweet metadata

PROJECTS

POGOBAG | Pokemon GO Analytical Tool

August 9, 2016 | github.com/dphuang2/PoGoBag

- Developed high traffic website with Ruby on Rails and Angular
- Amassed 210,000+ unique users and 3,304,043 Pageviews in two weeks
- Peaked at 86,860 1 Day Active Users on August 11, 2016
- Attracted media from news sources around the globe: USA, China, Thailand, France
- Open-sourced GitHub repo with 164 Stars and 76 Forks

ROOM OCCUPANCY COUNTER | Web/Microcontroller solution

February 21, 2016 | devpost.com/software/roomcounter

- Designed front-end and back-end of website to receive HTTP requests from an Intel Edison board
- Provides web accessible occupancy count using touch and flex sensors
- Winner of Intel's Most Innovative Use of Intel Microcontrollers at Hack Illinois 2016

INTERESTS

Soccer • Badminton • Film • Powerlifting • Climbing • Poker • eSports