Joshua Lloret
Software Engineer

Contact

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Github://shua

Education

Temple University
BACHELORS SCIENCE

BS in Mathematics
    & Computer Science
Certificate in Data Science
Minor in German
Science Scholar
Cum GPA: 3.57

MAY 2017

Universität Hamburg
APR 2016 - AUG 2016

Skills

Programming
>5000 LINES

C, C++, POSIX shell,
Javascript, HTML, CSS

>1000 LINES

Python, Java, Scala,
x86_64/PPC assembly,
Brainf*ck

FAMILIAR

glsl, OpenGL, golang
Linux, Windows, Unix tools

Coursework

Compiler Design
Machine Learning
Neural Networks
Data Science
Operating Systems

Languages

English / Native
German / Conversant C1
Spanish / Good B1

Work Experience

PhmHealth / Full-Stack Web Developer
JUL 2014 - SEP 2014 / PHILADELPHIA, PA

· Prevented Healthcare fraud using NFC, BluetoothLE, and GPS
· Worked with REST server built on Scala Play Framework
· Developed web frontend using AngularJS and Bootstrap
· Ported android mobile app to ionic/cordova

Center for Networked Computing / Researcher
JAN 2015 - OCT 2015 / TEMPLE UNIVERSITY, PHILADELPHIA, PA

· Research using SDN routers to improve video transfer
· Research on applications of Hadoop inside Eucalyptus cluster
· Won 2nd place at Temple Future of Computing

Temple University Computer Labs / Lab Manager
SEP 2013 - PRESENT / PHILADELPHIA, PA

· Hire, schedule, and manage over 20 student workers
· Maintain over 100 workstations and servers

Other Experience

Ducttape Engine / Game Engine Developer
MAY 2011 - MAY 2012 / COLUMBIA, SC

· Created open source C++ game engine using:
    Ogre3D, Bullet Physics, SFML and Boost
· Collaborated remotely with multinational team
· Led team designing and creating dev tools and scene editor

Temple University Math Department / Researcher
JAN 2014 - MAY 2014 / PHILADELPHIA, PA

· Research on finite subdivision rules in one dimension
· Won honourable mention at Temple Research Symposium

Honors/Awards

2016	Phi Beta Kappa	
2016	SEI Sponsor Prize	MLH Local Hack Day @ Temple
2015	2nd Undergrad	Future of Computing
2014	Honourable Mention	Temple Research Symposium

Publications

[1] J. Lloret, R. McCue, and J. Wu. Weseeyou: Adapting video streaming for surveillance applications. In *Proceedings of the 2015 IEEE 12th International Conference on Mobile Ad Hoc and Sensor Systems (MASS)*, pages 589–592. IEEE Computer Society, 2015.