

Grant Mercer

gmerc015@gmail.com

EMPLOYMENT HISTORY

Jun. 2017 – Present	College Intern, Slickdeals	Las Vegas
	Work with PHP/MySQL/Js to develop and maintain slickdeals.net. Duties include writing highly scalable production code to handle tens of thousands of concurrent users, and working with internal teams to develop new administrative features.	
Dec. 2015 – Present	Software Consultant, Brainlike Inc.	Las Vegas
	Develop automated detection software in C/C++ to aid customers in identifying objects of interest in imagery. Perform image analysis and develop custom catered solutions for each customer.	
Jun. 2015 – Aug. 2015	Software Team Lead, NASA DEVELOP	Hampton
	Led development of new software visualization tool for CALIPSO satellite imagery. Used python2.7 to develop software ground-up, from architecture planning to full release at the end of the term.	
Jun. 2014 – Aug. 2014	College Intern, STE AR	Baton Rouge
	Worked on rewriting C++ STL algorithms to run in parallel, and implemented the new algorithms inside of STE AR's framework HPX.	

EDUCATION

Aug. 2013 – Dec. 2017	UNLV, Bachelor of Science in Computer Science	Las Vegas
	Elective courses focused in digital image processing, database systems, and functional programming	

SKILLS	C,C++	Experienced	Python	Experienced
	PHP/MySQL	Experienced	C#	Skillful
	Rust	Beginner		

COMMUNITY INVOLVEMENT

Jun. 2014 – Present	Program Committee Member	Remote
	Serve on the program committee board for both C++Now and CppCon. Responsible for reviewing submitted talks and providing meaningful feedback for staff in charge of acceptance/rejecting talks.	
Aug. 2015 – Present	Project Advisor - NASA DEVELOP	Las Vegas
	Serve as project adviser for software project I worked on in 2015. Handle orientation to codebase with incoming interns and assist in repository management and documentation.	

PROJECTS

Jan. 2017 – May. 2017	Convention Logistics Tracker	Las Vegas
	UNLV Senior Design team awarded 1st place in computer science. Developed software suite for aiding in convention logistics which included an administrative web portal, mobile app, and web rendering of mobile app. Worked in Angular4/Flask/MySQL.	
Nov. 2016 – Mar. 2017	SMSforecast	
	Developed an automated weather watching system which communicates via SMS when customer created weather alerts are detected. Wrote frontend in Angular4/Typescript and backend in NodeJS. Integrated a full payment system with Stripe and used other APIs such as Twilio, DarkSky, Auth0	