Austin Mease
Curriculum vitae

WORK EXPERIENCE

MAY 2016 – SEPTEMBER 2016

Software Engineering Intern
Cray, Inc

* coded in C/C++/Python/Bash
* Scaled Valgrind for distributed systems
* OpenMP/MPI
* Distributed Systems
* Inter-process communication
* BuildBot

MAY 2015 – MAY 2016

Software Engineering Intern
Philips

* Coded in C/C++/Bash
* Medical Imaging and Radiation Therapy Software – Pinnacle3 - IMPT
* DICOM (network protocols specific to Digital Imaging and Communications in Medicine)
* Parallel programming
* Data Interpolation Methods (assuming monotonicity, quadratic/ linear)
* Geometric C – A precursor to C++ using dynamic messaging system to simulate OO programming within C
* Linux Cluster Server management
* QT

AUGUST 2014 – MAY 2015

Software Engineering Intern
Thomson Reuters

* Coded in java
* Web-based application development for data scraping of legal documents
* Experience coming into a large development process, equipped with server and service side layers
* Spring-Batch Framework (dependency injection)
* database interfacing

REFERENCES

JEREMY ZUTTER **Manager @ Maverick Software Consulting**
(608) 695-5260 or jzutter@mavericksoftware.com

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Madison, WI 53726
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⚡ bladdragon.github.io

EDUCATION

2013 – 2017 **University of Wisconsin - Madison - GPA: 3.1**
Bachelor of Science, Electrical Engineering - GPA: 3.3
Bachelor of Science, Computer Science - GPA: 3.4

ACTIVITIES

Polygon, Engineering Student Council - Diversity Chair
   Organize speakers
   Organize bookswap & E-bash
Triangle Fraternity
   System Administrator

SOFTWARE SKILLS

ANDROID/JAVA	* Spring-Batch * Heroku * Firebase * NFC * Async integration
C/C++	* Geometric C * Low-level dependency injection * OpenMP/MPI & Scalability * Package Management Systems * MRnet * Inter-process Communication
PYTHON	* NumPy * BuildBot
JAVASCRIPT	* MEAN Fullstack (Mongo, Express, Angular, Node.JS)
MISCELLANEOUS	*HTML/XML/CSS * LaTeX * Matlab

PROJECTS

https://github.com/bladdragon