

# Austin Mease

## WORK EXPERIENCE

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May 2016 – September 2016  
Software Engineering Intern

### *Cray, Inc*

- \* Coded in C/C++/Python/Bash
- \* Scaled Valgrind for distributed systems
- \* Used OpenMP/MPI
- \* Learned Inter-process Communication
- \* Used BuildBot

May 2015 – May 2016  
Software Engineering Intern

### *Philips*

- \* Coded in C/C++/Bash
- \* Worked on Medical Imaging and Radiation Therapy Software
- \* Used DICOM Networking
- \* Applied Parallel Design
- \* Optimized Advanced Data Interpolation
- \* Used Geometric C
- \* Managed Linux Server Clusters
- \* Used QT

August 2014 – May 2015  
Software Engineering Intern

### *Thomson Reuters*

- \* Coded in java
- \* Worked on application for data scraping of legal documents
- \* Learned Spring-Batch Framework
- \* Used Database Interfacing

## REFERENCES

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JEREMY ZUTTER    **Manager @ Maverick Software Consulting**  
jzutter@mavericksoftware.com

DON WELLNITZ    **Manager @ Philips**  
don.wellnitz@philips.com

ALEX ZAHDEH    **Mentor @ Cray**  
azahdeh@cray.com

MARK PAGEL    **Manager @ Cray**  
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## EDUCATION

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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

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Polygon, Engineering Student Council - Diversity Chair

Organized speakers

Organized bookswap & E-bash

Triangle Fraternity

System Administrator

## SOFTWARE SKILLS

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ANDROID/JAVA	* Spring-Batch
	* Heroku
	* Firebase
	* NFC
	* Async integration
C/C++	* Geometric C
	* Low-level dependency injection
	* OpenMP/MPI & Scalability
	* Distributed Computing
	* Package Management Systems
	* MRnet
	* Inter-process Communication
	* Loopback
	* Async operation
PYTHON	* NumPy
	* BuildBot
JAVASCRIPT	* MEAN Fullstack (Mongo, Express, Angular, Node.JS)
MISCELLANEOUS	* <del>TeX</del>
	* Matlab
	* SQL
	* Recommendation Systems

## PROJECTS

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<https://github.com/measeaustin>