

Austin Mease

WORK EXPERIENCE

May 2016 – September 2016

Software Engineering Intern

Cray, Inc

- Coded in C/C++/Python
- Scaled Valgrind for distributed systems

Specific technologies include:

- Inter-process communication
- Distributed Systems
- OpenMP/MPI
- BuildBot

May 2015 – May 2016

Software Engineering Intern

Philips

- Coded in C/C++/Bash
- Worked on intensity modulated proton therapy
- Experience in complex field with a lot of necessary background information to research for development
- Experience working with subject matter experts

Specific technologies include:

- Linux Cluster Server management/ installation
- Dynamic Software Updating (DSU)
- Data Interpolation Methods
- Parallel programming
- DICOM networking
- QT UI-design
- Geometric C

August 2014 – May 2015

Software Engineering Intern

Thomson Reuters

- Coded in java/HTML/XML
- Worked on the meta-data acquisition and transformation for Westlaw
- Agile development in a multi-team TFS environment

Specific technologies include:

- SQL database
- Anthill Pro
- Spring-Batch
- Junit

PROJECTS

<https://github.com/measeaustin>

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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

Organized speakers

Organized bookswap & E-bash

SOFTWARE SKILLS

ANDROID/JAVA

- Async operation
- Spring-Batch
- Junit
- Firebase
- NFC

C/C++

- Inter-process Communication
- Package Management Systems
- OpenMP/MPI & Scalability
- Distributed Computing
- Async operation
- Geometric C
- MRnet
- QT

PYTHON

- NumPy
- BuildBot

JAVASCRIPT

- Angular
- Express
- Node
- React-Native

MISCELLANEOUS

- \LaTeX
- Matlab
- SQL
- Recommendation Systems
- Swift