

Clay McLeod

CONTACT INFORMATION

Redacted.
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EDUCATION

University of Mississippi, University, MS

M. S. Computer Science

May 2016

- Master's GPA - 4.0/4.0
- Financed my college education through assistantships and scholarships.

B. S. Electrical Engineering (emphasis in Computer Engineering)

May 2014

- Major GPA - 3.81/4.0, Overall GPA - 3.66/4.0
- Graduate of the Sally McDonald Barksdale Honors College

PROFESSIONAL EXPERIENCE

St. Jude Children's Research Hospital - Memphis, TN

Manager of Bioinformatics Software Development

February 2018 - Present

- Managed a team of product developers and engineers building core features of St. Jude Cloud.
- Directed and coordinated teams across the institution in support of a singular vision for St. Jude Cloud.
- Received St. Jude's Amos Jacobs award (employee of the year).

Senior Software Engineer

June 2016 - February 2018

- Technical lead then for the "St. Jude Cloud" project, a corporate-wide initiative dedicated to making St. Jude's data and tools available to the world.
- Created analysis pipelines for next generation sequencing (NGS) data that is used in clinical and research environments on St. Jude's HPC environment.
- Project management experience coordinating St. Jude staff for the St. Jude Cloud project starting February 2017.
- St. Jude gold ovation award winner (2x).

Curtsy, Inc. - Palo Alto, CA (remote)

Software Consultant

Jan 2016 - May 2016

- Consultant for both mobile development (iOS) and server-side development (NodeJS).
- Established infrastructure for the company in AWS (previously non-existent).
- Funded by Y Combinator, one of the country's top startup incubators.

FedEx Services - Memphis, TN

Software Analyst Intern

Summer 2015

- Built a native, internal mobile application for iOS (Swift) and Android (Java).
- Created a scalable backend server with NodeJS, ExpressJS, and MongoDB.
- Created a proprietary machine learning server/path optimization server written in Python with open-source tools such as scikit-learn and pandas.
- Recipient of the FedEx Technical Mastery award (x2) and the Director's Choice Award for best project. Employee choice award for 2015 best intern project.

Cooper-McLeod Technology, LLC - Memphis, TN

Co-Founder

January 2015 - Present

- Sole electrical and software engineer for a company focused on providing technological innovation to the construction industry.
- Complete native mobile app on iPhone (Swift), website and server written on the MEAN stack (MongoDB, ExpressJS, AngularJS, NodeJS).

University of Mississippi - University, MS

Teacher's Assistant/Head Teacher's Assistant

Fall 2014 - Spring 2016

- Full time assistantship that financed Master's degree.
- Hired and managed 30 teacher's assistants.
- Managed 400 student's lab grades throughout the year.