

# ALEX QUINLAN

**EDUCATION** **UNIVERSITY OF MICHIGAN | CLASS OF 2016**  
B.S. in Computer Science with a minor in Music

**WORK EXPERIENCE** **CNSI | SOFTWARE ENGINEER | JULY 2016-PRESENT**

Healthcare I.T. company that designs and builds solutions for government agencies, healthcare providers, and their clients. Deployed the first cloud-based Medicaid Management Information System (MMIS) in the US for the State of Michigan in 2018.

- Children's Special Health Care Services (CSHCS) Project: Worked with multiple teams across the US & India to build two robust applications. Responsible for testing and fixing bugs found by state testers, with a focus on UI.
- TennCare Project: Worked heavily on front-end design and PL/SQL implementations for this consumer tracking tool. The team moved towards iteration planning and agile design principles.
- Architecture Team: Designed and implemented prototypes for additional components on CNSI's core modules. Worked these demos from full design activities through implementation while exploring new design options (Node.js & Spring Boot).

**IMRA AMERICA INC. | WEB DESIGN INTERN | SUMMER 2015**

- Responsible for the design and implementation of the interface of an FPGA device (Red Pitaya).
- Learned about responsive design using the Bootstrap framework.
- Expanded the functionality of the device using jQuery & AJAX to interact with backend services.

**KMG PRESTIGE | PAINTER/MAINTENANCE TECHNICIAN | SUMMER OF '12, '13, '14**

- Responsible for preparing vacant apartments to be leased to new tenants.
- Worked with the maintenance team to fix all issues in the apartment.

**SKILLS & EXPERIENCE** **PROGRAMMING**

Java, JavaScript, C++, HTML&CSS, Angular.js, SQL & PL/SQL, Python, Node.js, Spring Framework, Bootstrap Framework, SVN/Git

**LEADERSHIP**

**Compulsive Lyres A Capella, Webmaster, 2015-2016**

Managed the group's website using WordPress. Responsible for updating event information, current member bios, and uploading recent media.

**University of Michigan Men's Glee Club, Archivist, 2014-2015**

Worked with media manager to record, convert, and store all performances in Amazon S3.

**EXTRA-CURRICULARS**

University of Michigan Men's Glee Club, Member, 2012-2016

Compulsive Lyres, Member, 2014-2016 | UM Jazz Lab Ensemble, Member, 2014

**REFERENCES** References are available upon request.