

# Eamonn Daley

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## Objective

To obtain an entry level position that would allow me to grow into a career in Software Engineering or Computer Science.

## Education

### **BACHELOR'S | 05/2018 | MICHIGAN TECHNOLOGICAL UNIVERSITY**

- Major: Computer Science- Software Engineering
- Major Academic Courses: Concurrent Computing, Computer Organization, Formal Models, Digital Logic, Software Processes and Management, Software Quality Assurance

## Skills & Abilities

### **LANGUAGES & TOOLS & ENVIRONMENTS**

- Java, HTML 5, CSS, JavaScript, Assembly Language, C++/C#/C, Grails, Python, GitHub, Intelli-J, Taiga

### **SOFTWARE DEVELOPMENT METHODOLOGIES**

- Agile, Scrum, Stand-Up meetings, User Stories(Taiga), Naming Standards, Test Driven Development, Algorithmic Analysis and Optimization (Big O)

### **LEADERSHIP**

- Vice chair of rushing activities and academics chair for Sigma Kappa Upsilon Mu fraternity
- Attained star rank in Boy Scouts of America. Was Senior Patrol Leader.
- Film Board, and WMTU at Michigan Technological University. I was a DJ for WMTU, the student run radio station. I helped sell tickets and advertise for movies being shown in a lecture hall every weekend.

## Awards

- Scholarship from Grosse Ile Golf & Country Club
- Star scout Rank boy scouts of America
- Varsity letter in cross country, Orchard Lake St. Mary's preparatory high school
- Deans list 3 semesters at Oakland Community College

## Experience

### **PROJECTS**

- Senior Design Project for Wisconsin Department of Natural Resources- I was a back-end developer on a 7-person team of Software Engineers, 8-10 hours a week for 14 weeks, developing a web application used by researchers in the field to collect environmental data (wildlife, weather, PH level, types of Algae, etc.) at beaches in counties across the state. I designed, built, tested, and implemented the components (JavaScript, HTML, CSS, Grails, Bootstrap, Intelli J) used to make the application available

when offline. I was responsible for implementing and integrating results from the usability tests into the application design.

- I volunteered, for 8-10 hours a week for 9 weeks, to assist a Civil Engineering professor, Dr. Kuilin Zhang, as a member of a 6-person team that designed an application based on Dr. Zhang's requirements for a graphical user interface used by a researcher to collect data while observing traffic at an intersection. The application required, role-based access and authorization. I designed, developed, and tested the Spring Model-View-Controller and Spring Java Configuration Feature for security to develop the application. This allowed each student to securely have their own access credentials for the application.

#### **SOFTWARE QUALITY ASSURANCE INTERN | ACCURATE TECHNOLOGIES INC. | 05/2016-08/2016**

- Responsible for testing products and code in C# language
- Ran tests on products sometimes automated but usually manual and reported behavior
- Worked for 40 hours a week for 20 weeks

#### **STUDENT INTERN | MICHIGAN TECH IT | 08/2016 TO 12/2016**

- Installed software onto personal computers of employees at the university
- Worked 10-15 hours per week (for 15 weeks)
- Used a ticketing system; was assigned tickets and would diagnose the cause of the problem the customer was having. Researched the problem in the knowledge base. Performed corrective actions. Followed up with customer to make sure they were satisfied. Closed the ticket.
- Set up LAN components in buildings on campus
- Troubleshooting computer problems
- Collecting computers from campus and bringing back to IT shop

#### **STUDENT DEVELOPMENT OFFICER | MICHIGAN TECH ALUMNI RELATIONS| 10/ 2017 TO 05/2018**

- Called alumni and friends of the university to ask them to donate money to the university.
- Had to come up with my own pitch to give each prospect a good reason to donate.
- Worked for 7 hours a week for 22 weeks

#### **STUDENT WORKER| MCNAIR DINING HALL MICHIGAN TECH | 03/2017 TO 05/2018**

- Washed dirty dishes as they came in
- Replaced food on the buffet line
- Scanned student's ID cards as they came into the dining hall

#### **BUSSER | GROSSE ILE GOLF & COUNTRY CLUB| 05/2013 TO PRESENT**

- Did everything possible in the restaurant business.
- Set up tables for events such as bridal showers and wedding
- Clear tables of dirty dishes and refill water glasses
- Helped prep food in the kitchen for dinners
- Washed dirty dishes as they come in