

# Richard Brush

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## EDUCATION

### **Bachelor of Science in Computer Science**

Graduation: December 2015

Michigan State University, East Lansing, MI

- Grade Point Average: 3.5

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## EXPERIENCE

### **Team Lead**

May 2015 - Present

Smart Homes/Smart Offices, Okemos, MI 48864

- Mentored a new intern; held responsible for all code changes.
- Maintained and improved company's MS Access 2013 ERP software.
- Used VBA and SQL to implement requested features from clients to their databases.

### **Database Intern**

May 2014 – May 2015

Smart Homes/Smart Offices, Okemos, MI 48864

- Maintained the company's MS Access 2013 ERP software.
- Used VBA and SQL to implement requested features from the staff to the split database.
- Trained and worked with employees in an iterative process to perfect the new features.

### **Limnology Research Assistant**

May 2012 – August 2012

University of Detroit Mercy, Detroit, MI 48221

- Carried out field work to determine the nitrogen toxicity levels for aquatic plants.

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## SKILLS

### **Programming Languages:**

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|----------|--------------|
| • C/C++  | • Java       |
| • Python | • HTML/CSS   |
| • VBA    | • PHP        |
| • SQL    | • JavaScript |

### **Other Computer Skills:**

- Familiar with both Mac and Windows OS
- Capable of using Linux Shell and Linux operating systems
- Microsoft SharePoint
- AngularJS framework

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## ACTIVITIES

### **Affiliations and Activities:**

- MSU's Hackathon, Spring 2015
- Association for Computing Machinery at MSU

### **Honors and Awards:**

- MSU Dean's Honors List (Fall 2010, Fall 2011, Spring 2012, Spring 2014)
- Eagle Scout, 2010