

# Alexander Jack

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(507) 208 8540  
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## SKILLS

- Proficient with C++, Microsoft Office, Spanish.
- Familiarity with HTML, Python, MATLAB, R, GIS, SQL, Linux Mint.

## EXPERIENCE

### **University of Minnesota (Monarch Joint Venture), St. Paul -**

*Undergraduate Researcher - (May 2016 - August 2016)*

- Sampled flowering plants around Minnesota and Wisconsin. Collected plant species names and abundance of species. Entered findings from the field into **Excel**. Created **GIS** shapefiles on sampled sites.

### **University of Minnesota, Minneapolis - Teacher's Assistant - (September 2015 - May 2016)**

- Taught weekly lab in **C++**. Helped students learn basic object-oriented coding skills. Graded quizzes and tests.

### **Mayo Clinic, Rochester MN - Researcher - (May 2014 - August 2014)**

- Built program in **C++** that assembled MRI images and evaluated whether or not the images were too blurry to read. Worked with microcontroller.

## EDUCATION

### **University of Minnesota, Twin Cities - B.S. of Mathematics**

(September 2014 - December 2017)

## AWARDS

Deans List - University of Minnesota 2016

## REFERENCES

- Kyle Kasten: (707) 266-2802 (Supervisor, University of Minnesota Monarch Joint Venture) email: [kkasten@umn.edu](mailto:kkasten@umn.edu) (preferred)
- Karel Prikry: [prik001@umn.edu](mailto:prik001@umn.edu) (thesis advisor, UMN-TC)
- Laura Lukens: (715) 581-5914 (Supervisor, University of Minnesota)
- Joel P. Felmlee, Ph.D.: [jpfelmlee@mayo.edu](mailto:jpfelmlee@mayo.edu) (Supervisor, Mayo Clinic)

