

Bjørn Mathisen

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EDUCATION

Principia College, Elsah, Illinois

Aug 2014 – Dec 2018

- B.S. in Computer Science
 - Highlighted Courses: Software Architecture, Computer Hardware Architecture, Software Engineering

WORK EXPERIENCE

Zerma, Northbrook, Illinois

Jan 2019 – Apr 2019

- Field Engineer
 - Handled the installation of granulators and shredders, weighing anywhere from three hundred pounds to twentyfive tons at factories around the United States.
 - Maintained an inventory of knives, motors and other maintenance items for shredders, worked with shipping and handling to maintain consistency of records.
- General IT
 - Created an Access Database linked with Excel from 15 different data sources using a Python web crawler. Created an email automated email campaign with over 12 thousand contacts using in house systems.
 - Performed maintenance on inventory management computers and sped up operating speeds by eighty percent.

McHenry County Conservation District, Mchenry, Illinois

May 2014 – Aug 2018

- Season Maintenance Construction Worker
 - Worked with a crew of two individuals who operated out of a shop to maintain over forty different parks, buildings and other sites. Duties includes construction work, pouring concrete, building structural maintenance and electrical work.

Observatory Manager & Engineering TA, Elsah, Illinois

Jan 2015 – Dec 2018

- Observatory Manager
 - Organized and trained over eight student operators; maintained the observatory schedule and organized public campus-wide events on a weekly basis.
 - Updated training manuals and facilitated the upgrade from DOS to EXP for the telescope control system.

AWARDS & SCHOLARSHIPS

- Eagle Scout, Earned in Spring of 2012, Boy Scouts of America 2008 – 2012
 - Attained the rank of Eagle, the highest and most prestigious of all the ranks in Boy Scouts.

- Competent Communicator, Toastmasters International May 2005
 - For delivering 10 speeches and satisfying the requirements for the Competent Communicator Award.

CAMPUS ACTIVITIES

Astronomy Club, Principia College

- President Jan 2015 – Dec 2018
 - Created and advertised activities for students campus wide, organized campus presentations with Dr. Laurance Doyle of NASA SETI program.

Solar Car, Principia College

- Member

LANGUAGES

- English: Native language.

SKILLS

T_EX, C++, C#, .Net, Python, Java, C, SQL, MySQL Scrum, Agile Development, Unit Testing/Automated Testing, Visual Studio/Eclipse/VI, Linux, Windows Adobe Photoshop, Microsoft Word, Microsoft Excel, Microsoft PowerPoint.

INTERESTS

Digital photography, Hiking and Camping.

REFERENCES

- **Dr. Tom Fuller**
Professor of Computer Science and Head of the Computer Science Dept.
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1 Maybeck Place, Elsah, Illinois 62028, USA
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