

# Anne K. Harris

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## EDUCATION

**Oregon State University**, Corvallis, OR  
*Bachelor of Science in Computer Science*  
Post-Baccalaureate Program  
Cumulative GPA: 3.92

*Expected Graduation: August 2019*

**The Pennsylvania State University**, University Park, PA  
*Bachelor of Science in Geography*  
Geographic Information Systems Option  
Major GPA: 3.62  
Dean's List: 2012 – 2014

*2010 - 2014*

## CURRENT COURSEWORK

- Web Development
- Discrete Structures in Computer Science
- Computer Architecture & Assembly
- Data Structures
- Introduction to Computer Science I & II

## SKILLS

- C++
- C
- x86 Assembly
- JavaScript
- HTML5
- CSS
- Visual Studio 2017
- JetBrains Webstorm
- Sublime Text 3
- VIM

## PROJECTS

### Oregon State University

- Created a text-based game in C++ to simulate different rooms using linked structures and polymorphism
- Utilized a Heap-based Priority Queue which allowed users to manage a prioritized to do list in C.
- Developed a program in x86 Assembly that used techniques such as passing parameters on the system stack, generating random numbers to fill a sorted array, and indirect addressing

## WORK EXPERIENCE

### Oil & Gas Company, Pittsburgh, PA

*Technician I, Geomatics 2014-Present*

- Oversee company-wide GIS Portal and manage Land database including data QA/QC and data updates from third party companies
- Created heat map for Northeast US to be presented at parent company's investor meeting
- Collaborate with upper management to prepare maps for presentations, meetings and future development
- Coordinate with different departments throughout the company to provide map-based analysis, create formal and informal maps, and ensure data is accurate and up to date
- Handle troubleshooting through online GIS Portal

### Riparia, University Park, PA

*GIS Intern*

*Summers 2013, 2014*

- Worked in wetlands center doing General GIS research and produced field maps
- Mapped change for the Breeding Bird Atlas in Central Pennsylvania for the National Park Service; digitized and classified land use. Created metadata for new data layers

### Penn State University Department of Geography, University Park, PA

*2013*

*Teaching Intern*

- Assisted Dr. Cynthia Brewer in an ArcGIS lab helping 30 geography students learn cartography skills
- Provided cartographic advice and technical support to students while helping them problem solve