

Hans Oksendahl
900 Cambridge Dr. Unit #158
Benicia, CA 94510
+1 (505) 333-9060
hansoksendahl@gmail.com

I am a recent student of the The Evergreen State College and a candidate for the Master of Environmental Studies. I am currently on academic leave with a tentative graduation date of June 2017. I graduated from The Evergreen State College in June of 2014 with a Bachelor of Science. The foci of my studies were computer science and environmental chemistry. From March of 2012 through January 2014 I worked for The Evergreen State College as a Support Technician in the campus' Computer Applications Laboratory. I am presently self-employed as a web-application developer creating websites, application software, and games for commercial clients on a contractual basis.

Prior to attending the Evergreen State College I was employed in information technology as a web application developer and network analyst. My first programming position was at Schick Shadel Hospital beginning in April of 2004 where I worked as lead developer creating a patient management system. In November of 2006 I was hired to work as a network analyst for Siemens monitoring Microsoft's Xbox Live user network. In November of 2007 I went on to work at Gage Design as a lead developer creating commercial websites and developing e-commerce and content management software. Since leaving Gage Design in February of 2009 I have operated my own business performing web-application development using PHP, Ruby, Node.js, and Python programming environments.

Education

South Kitsap High School (1997-2000)

- Enrolled in an advanced placement English course in my senior year.

Olympic College (2000-2001)

University of Maryland University College (2003)

South Seattle Community College (2004)

- Completed various requirements towards an Associate of Arts transfer degree

The Evergreen State College, Bachelor of Science (2010-2014)

- In spring quarter of 2010-2011 I completed an individual learning contract with Dr. Richard Weiss creating a grammar for the development of three-dimensional visualizations.
- In winter quarter 2011-2012 I worked as an intern in the laboratory of Dr. Clyde Barlow developing software using Mathworks Matlab. The software I was responsible for creating calculates the pKa value of a material from the material's species spectra using least-mean-squared regression analysis. While completing my internship I was also certified in use of the scanning electron microscope.
- In fall quarter of 2012-2013 I completed another individual learning contract with Dr. Richard Weiss creating an LR(0) and LALR parser generator for Javascript.
- In spring quarter of 2012-2013 I travelled to Palawan, Philippines to participate in an undergraduate research quantifying concentrations of dissolved inorganic solutes using ion chromatography and inductively coupled plasma mass-spectrometry. Our study concerned the rural drinking water sources of the basin surrounding the Rio Tuba Nickel Mining Project.
- In winter of 2013-2014 I completed an individual learning contract with Dr. Richard Weiss implementing a distributed hash-table using Javascript and the WebRTC

- peer-to-peer communication protocol.
- Completed upper division course work in:
 - Computer Science
 - Analytical Chemistry
 - Microbiology
 - Hydrogeology
 - Disturbance Ecology
 - Mathematics

The Evergreen State College, Master of Environmental Studies (2014-2015)

- In summer and fall quarters I worked as a Geographic Information Systems intern for the Washington State Department of Transportation.
- In fall quarter I acted as a teacher's assistant for the course "Using GIS (Spatial Analysis and Mapping) in Public Service".
- I was accepted for candidacy in winter quarter of the 2014-2015 academic year.

Certifications

- Scanning Electron Microscope
- Ion Chromatograph
- Inductively Coupled Plasma - Mass-Spectrometer

Computer Languages

- Programming: Javascript, Python, Ruby, PHP, R, Matlab
- Markup: HTML5, LaTeX, Markdown
- Design: CSS, LESS
- Databases: SQL, MongoDB, IndexedDB

Interests

- Hiking, Open-source Software Development, Recreational Mathematics