Andrew Clos

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Phone: **Address:**   **Portfolio:** www.andrewclos.com

Objective

I am enrolled in OSU's B.S. Computer Science program and will graduate during the winter of 2020.
Seeking full-time or part time opportunities in the tech industry.

Education

BACHELOR OF SCIENCE: COMPUTER SCIENCE ENGINEERING
APRIL 2019 - Present
Oregon State University, Corvallis, OR
GPA: 3.88

BACHELOR OF SCIENCE: OCEANOGRAPHY (CHEMICAL)
SEPTEMBER 2003 - JUNE 2008
University of Washington, Seattle, WA

HIGH SCHOOL DIPLOMA: HONORS
SEPTEMBER 1999 - JUNE 2003
Skyview Highschool: Science, Mathematics and Technology Magnet, Vancouver, WA

Experience

MOBILE / WEB APP DEVELOPMENT
AUGUST 2020 – Present
Various Projects
- ReactJS, React-Native, Ionic framework to create cross platform applications
- Front end web development
- Team environment utilizing GitHub

NOAA COMMISSIONED OFFICER COPRS | LIEUTENANT
JULY 2011 - MARCH 2019
National Oceanic and Atmospheric Administration
Norfolk, VA; New London, CT; Newport, OR
- Deck watch officer, navigating ships 100-231ft. in length
- Managed department of 12 survey technicians: hiring, performance reviews
- IT skills: Windows networking, HW/SW integration, BIOS / firmware, serial comms
- Expert Hydrographer: seafloor mapping, creating nautical charts
- GIS Software: ESRI, ArcMap, CARIS, Hypack, Fledermaus, Applanix POS MMS
- Multibeam Echosounder and Side Scan Sonar Theory and Operations

PHYSICAL SCIENTIST CONTRACTOR
JUNE 2008 - JULY 2011
Earth Resources Technology, Seattle, WA
- Hydrographic Survey Quality Control Specialist
- Skilled Kongsberg, Reson, Teledyne, Klein, Edgetech, and Odom sonar operator
- Field data collection and review aboard NOAA Ships in Alaska for nautical chart updates

LABORATORY TECHNICIAN
JANUARY 2007 – JUNE 2008
University of Washington, Department of Oceanography, Seattle, WA
- Extracted gases from sea water samples to determine their origin (climate science)
- Mass spectrometer operator
- Isolated carbon and oxygen isotopes from seawater via an extraction line
- Safe laboratory practices / HAZMAT

Abilities

Languages:
- C / C++
- JavaScript / Typescript
- Python
- Bash
- SQL
- MASM

Additional Exploration With:
- React-Native / ReactJS
- Git / node / npm
- Ionic Framework
- Android Studio / X Code
- HTML5/CSS
- Visual Studio
- VS Code
- Mockplus
- Adobe XD
- PuTTY / SSH / Terminal / VIM

Achievements

- NOAA Basic Officer Training Class (BOTC 118) Graduate
- U.S. Coast Guard Leadership and Management School (LAMS) Graduate / Certificate
- NOAA Mid-Grade Leadership Training Certificate
- Varsity Knowledge Bowl Team Member
- Varsity Math Team Leader
- Eagle Scout

SPECIALTY COURSES
- Usability Design
- Defense Against the Dark Arts (Cyber Security)
- Technical Writing
- Web Design Bootcamp, Udemy
- Shallow Water Multibeam Training: HydroMetrica

References

I will gladly provide personal and professional references upon request