

Adam Novotny

457 E. Tye Dr., Sisters, OR, 97759
adam@labseven.space | 541.719.8386

EDUCATION

OLIN COLLEGE OF ENGINEERING

ENGINEERING WITH COMPUTING
Grad. May 2021
GPA: 3.7 / 4

REDMOND PROFICIENCY ACADEMY

Grad. May 2015 | Redmond, OR

LINKS

Github:// labseven
Website:// labseven.space
Keybase:// AdamNovotny

SKILLS

PROGRAMMING

Proficient:

Python • JavaScript • NodeJS
Mathematica • C++ • L^AT_EX

Familiar:

Go • CSS

Linux user and enthusiast

TOOLS

Machine Shop:

MIG Welder • Plasma Cutter
Sheet Metal Fabrication
Laser Cutter

Wood Shop:

CNC Router (Shopbot)

LANGUAGES

English Native Language
Czech Native Speaker
Spanish Conversational

INTERESTS

Generative Art • Mt. Biking • Skiing
Backpacking • Experimental Music

EXPERIENCE

OLIN LIBRARY SUMMER RESEARCH | SOFTWARE DEVELOPER

May 2017 – Aug 2017 | Boston, MA

- Developed open-source community technology for Olin Library in a startup-like environment.
- Designed and implemented user-oriented software.
- Full-stack and DevOps experience.
- Technologies: NodeJS, AWS (S3, Lambda), MongoDB, ESP8266

BOARDBOT | EMBEDDED PROGRAMMER AND PROJECT MANAGER

Oct 2017 – Dec 2017

- Designed and built a CNC whiteboard drawing robot with a 4 person team in 7 weeks.
- Developed electrical, mechanical, and software components.
- Documented build process and replication instructions on scrumbledeggs.github.io.
- Technologies: Embedded C++, Python

ENERGYNEERING SOLUTIONS INC. | IT INTERN

Jan 2014 – Jun 2015 | Sisters, OR

- Assisted in maintain a small business network.
- Performed helpdesk support for 50+ employees.
- Installed and maintained the intranet website, IP cameras, and an IP weather station.

TERMOTISK S.R.O. | IT SUPPORT

Jun 2015 – Aug 2016 | Prague, Czechia

- Proposed and executed company-wide transition to SSDs.
- Performed helpdesk support for 20+ employees.

TEAMS

Olin Aquatic Robotics	Electrical Subteam	2016-17
FIRST Tech Challenge	8023 Mentor	2013-16
FIRST Tech Challenge	5627 Founder, Leader, Software Lead	2013-15
FIRST Robotics Challenge	3995 Software Lead	2012

AWARDS

2013	Intel Northwest Science Expo	First place in Engineering
2013	Intel Northwest Science Expo	Excellence in Computer Science Award