

Adam Novotny

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EDUCATION

OLIN COLLEGE OF ENGINEERING

COMPUTING AND DESIGN

Expected Dec 2020

GPA: 3.68 / 4

REDMOND PROFICIENCY ACADEMY

Grad. May 2015 | Redmond, OR

LINKS

Github:// [labseven](#)

Portfolio:// [labseven.space](#)

Keybase:// [AdamNovotny](#)

SKILLS

PROGRAMMING

Proficient:

Python • JavaScript • NodeJS

Mathematica • \LaTeX • C++

Familiar:

Go • CSS

Linux User and Enthusiast

TOOLS

Machine Shop:

MIG Welding • Plasma Cutter

Sheet Metal Fabrication

Wood Shop:

CNC Router (Shopbot)

LANGUAGES

English Native Language

Czech Native Speaker

Spanish Conversational

INTERESTS

Generative Art • Mt. Biking • Skiing

Backpacking • Experimental Music

Philosophy

EXPERIENCE

OLIN LIBRARY SUMMER RESEARCH | SOFTWARE DEVELOPMENT

May 2017 – Aug 2017 | Boston, MA

- Developed open-source community technology for Olin Library in a startup-like environment.
- Design, full-stack software, and DevOps experience.
- Technologies: NodeJS, AWS, MongoDB, ESP8266

BOARDBOT | EMBEDDED PROGRAMMING AND PROJECT MANAGER

Oct 2017 – Dec 2017

- Designed and built a CNC whiteboard drawing robot with a 4 person team, in 7 weeks
- Documented process and replication instructions on [scrumbledeggs.github.io](#)

ENERGYNEERING SOLUTIONS INC. | IT INTERN

Jan 2014 – Jun 2015 | Sisters, OR

- Learned to manage a small business network and performed helpdesk support for 50+ employees.
- Installed and maintained the intranet website, IP cameras, and 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.

ROHOZNÁ SUMMER CAMP | INSTRUCTOR

Summer 2014 & 2015 | Jihlava, Czechia

- Lead a team of 6 - 16 year old campers.
- Created and executed puzzles and strategy games.

TEAMS

Olin Baja Team	Embedded Programming	2017 - 18
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