

# Benjamin Gottschalk

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## EDUCATION

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### Oregon State University

*Bachelor of Science in Computer Science, Minor in Mathematics - GPA: 3.52*

Corvallis, OR

*Sep. 2018 – Present*

### Gaston High School

*High school diploma - GPA: 3.99*

Gaston, OR

*Sep. 2015 – June 2018*

## TECHNICAL SKILLS

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**Languages:** Python, C/C++, JavaScript, HTML/CSS, SQL

**Frameworks:** Node.js

**Developer Tools:** Git, Google Cloud Platform, VS Code, Visual Studio, PyCharm

**Libraries:** pandas, NumPy, unittest, OpenCV

## PROJECTS

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### Personal Website | *HTML, CSS, Javascript, Node.js, Firebase, handlebars*

Nov. 2019 – Present

- Personal dynamic website hosted on Google's Firebase
- Used firebase hosting to host the website with custom domain
- Utilized firebase functions to use Node.js and handlebars to dynamically load content
- Utilized APIs to load certain data dynamically

### Rubik's Cube Scrambling Program | *Python, OpenCV*

Dec. 2018 – Aug. 2020

- Implemented a random move Rubik's Cube scramble program
- Implemented a visual cube with the applied scramble
- Used OpenCV to accomplish the visual cube
- Used Pythonic techniques to generate a random move scramble

## AWARDS

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### High School Salutatorian

June 2018

*Gaston High School*

*Gaston, OR*

### Boy Scout Eagle Scout

Feb. 2015

*Troop 225*

*Aloha, OR*

## SERVICE/VOLUNTEER WORK

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### Boy Scout Volunteering

Jan. 2011 – Dec. 2019

*Troop 225*

*Aloha, OR*

- Help with various Eagle projects, camp projects, etc. with Boy Scout Troop 225
- Hundreds of hours volunteering

### School Clean Up Day (SCUD)

May 2014 – May 2018

*Gaston High School*

*Gaston, OR*

- One day a year students help clean up the school and community for the day
- About 20 hours

### Cub Scout Camp Staff

June 2015 – Aug. 2016

*Camp Ireland*

*Hillsboro, OR*

- Camp staff for a local Cub Scout camp, general leadership role

## EXPERIENCE

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### OSU Cubing Club Vice President

Jan. 2020 – Present

*Oregon State University*

*Corvallis, OR*

- Assist club President where and when needed
- Set-up meeting room before members came to meet
- Hold onto equipment and bring to each meeting