

# BRANDON FAN

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## Objective

Resume

## Skills Summary

- Experienced in system design, development and integration experience in full development life cycle (analysis, design, implementation, test, integration, and maintenance)
- Experience with design and development of REST-based communications and the MVC Architecture
- Published multiple papers on artificial intelligence, deep learning, and healthcare in the journal of IP&M.
- Notable Programming Languages include: Python, Angular, HTML & CSS, Ruby on Rails, Javascript, Typescript, SQL
- Heavy experience utilizing excel for real estate analysis and linear optimization for business and operations analytics

## Education

School: Blacksburg High School

SAT Score: 1560, GPA: 4.53

Notable Coursework: DE Advanced Marketing, AP Physics C, AP Computer Science, Multivariable Calculus

## Experience & Community Service

### Patensys

Full Stack Internship / 7/2017-12/2017, 5/2019-Present

Lead developer in developing web application through Ruby on Rails. Implemented extension to backend API and utilized applications including Solr backend and the connection with the frontend. Worked closely with cofounder in meeting business requirements.

### DECA

Vice President of Entrepreneurship & Fundraising / 6/2019-Present

Organized a 210-person entrepreneurship conference, inviting 4 renowned speakers to speak to middle school and high school students and managed a student panel. Responsible for organizing fundraising for DECA events including the state leadership conference and international conference.

### Biblink

Cofounder / 12/2017-Present

Biblink is a Bible Study platform that enable Bible Studies to stay persistent and connected throughout the week. Cofounder of Biblink. Creating nonprofit organization with Attorney. Designed and implemented platform from scratch using Angular and Python.

### Renaissance Music Academy & Musica Viva

Webmaster and SEO Manager / 1/2015-Present

Implemented transition a local nonprofit's website (from old to new). Helped organize a system to allow constant updates to website. Manage SEO marketing and design improvements and updates to content. Increased registration by over 150%.

## Awards and Acknowledgements

International Intel Science and Engineering Science Fair Finalist Category Award 2<sup>nd</sup> Place - 05/2018, 05/2019

Virginia Math Science & Technology Governor's School Participant - 06/2018

Oracle Academy Award - 05/2019

Technology Student Association National 1<sup>st</sup> Place Software Development - 06/2018

Intel Excellence in Computer Science Award - 03/2018, 03/2019

Virginia State Science Olympiad Code Analysis 1<sup>st</sup> Place - 06/2018

MACC Science State Champions - 05/2018, 05/2019

DECA Entrepreneurship Innovation Project State Finalist, International Conference Qualifier - 03/2019

National Merit Scholar Finalist - 10/2019

2020 Coca-Cola Scholarship Semifinalist (1958 Chosen/93000 Applicants) - 11/2019