Tyler Trommlitz

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GitHub | LinkedIn

EDUCATION

Brigham Young University – College of Physical and Mathematical Sciences   Provo, UT
Bachelor of Science in Computer Science, Minors in Business Management, Mathematics   Aug 2021 - Present

- GPA 4.00 / 4.00
- ACT 36 / 36, 99th Percentile
- *Heritage Scholarship,* Full Ride Merit-based Scholarship
- *National Merit Scholarship,* Merit-based Scholarship
- *Dean's List Recipient*
- Relevant Coursework:
  - *Data Structures and Algorithms (C++)*
  - *Introduction to Management Information Systems (SQL, VBA, HTML/CSS)*
  - *Advanced Programming Concepts (Java)*
  - *Systems Programming (C, Linux)*
  - *Algorithm Design and Analysis*

EXPERIENCE

BYU Broadcasting   Provo, UT
Software Developer   Aug 2022 – Present
- Contributed towards development and maintenance of multiple backend microservices, providing support to various clients serving BYUtv content to up to **3M+** monthly users
- Refactored an internal data feed to allow for greater modularity and readability, converting from XML node chains to **JavaScript** objects
- Solely built a search feed to expose catalog metadata to a streaming partner, including the handler, Joi schema, and **Jest** unit tests. Deployed to **AWS Lambda** and **S3** through Serverless architecture
- Built an internal multi-container application using **Vue.js**, **Node.js**, **Express**, and **MongoDB**. Deployed to **AWS ECS** using **Docker**

Utah Youth Soccer Association   Salt Lake City, UT
Grassroots and High School Referee   Aug 2015 - Present
- Lead teams of 3 referees in officiating highly competitive matches
- Managed emotions and discipline of players, coaches, and spectators
- Officiated competitive youth soccer games and tournaments throughout Utah
- Selected to officiate Premier youth games of all ages due to attention to detail and experience (highest level of state competition)
- Received an average rating of 3.9/5 on evaluations from other high school officials in the current season
        (3 = Satisfactory, 4 = Above Average, 5 = Best in the State)

LANGUAGES, TOOLS , AND TECHNOLOGIES

Java	AWS	HTML/CSS
C/C++	Docker	GraphQL
Node.js	SQL	Git
React	Vue.js	VBA

AWARDS, SKILLS & INTERESTS

- National Merit Scholar
- Designated AP Scholar
- Technical Engineering Capstone Certificate
- High Adaptability
- Quick Decision-Making
- Highly interested in learning more about software development and programming