

# Kevin Fan

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## Education

### BACHELOR OF SCIENCE | THE UNIVERSITY OF TEXAS AT DALLAS

AUG '19 - PRESENT

- Major: Computer Science
- GPA: 3.912
- Relevant Courses: Discrete Math, Computer Architecture, Data Structures and Algorithms, Programming in Unix, Organization of Programming Languages, Software Engineering, Databases, Artificial Intelligence, Automata Theory, Digital Logic, Differential and Integral Calculus, Statistics, Linear Algebra

### ACADEMIC EXELENCE SCHOLARSHIP RECIPIENT

AUG '19 - PRESENT

- Scholarship awarded to top high school students
- Must maintain a 3.0 or higher GPA and 12 credit hours per semester

## Research

### DRIVER RISK ASSESSMENT

MAY '21 - PRESENT

- Mentor: Chuan Fa, Tang
  - Assistant Professor in The University of Texas at Dallas' Department of Mathematical Sciences
  - Research Areas: Image Processing, Mathematical Statistics, Model Selection
- Coded multiple machine learning models to evaluate driving behaviors based on GPS data

## Technical Skills

- **LANGUAGES:** C++, Java, Python, MIPS, HTML, CSS
- **OS:** Windows, Linux

## Personal Projects

### FILE PARSER

SEP '19 - JAN '21

- Parses a CSV file to extract desired values
- Performs calculations on and analysis of the data
- Outputs the results into a structured XML file

### PERSONAL WEBSITE

NOV '19 - JAN '21

- A basic website that describes me and my hobbies

## Work Experience

### TECHNICAL SUPPORT | NORTH DALLAS DIGESTIVE DISEASE SPECIALISTS

DEC '18 - PRESENT

- Worked with client to build and maintain their website
- Installed computers, monitors, and ethernet at multiple locations

### LIFEGUARD | TOM MUEHLENBECK CENTER

JAN '18 - DEC '19

- Attended weekly drills to improve skills, communication, and small group effectiveness
- Maintained clear communication of facility operations throughout the work day

## Organizations

### UTD CLUB SWIM TEAM

- Attended daily practices to improve technique and speed
- Worked to foster a positive environment for all attendees

**AUG '19 – PRESENT**

### ANIME ORCHESTRA ENSEMBLE | MEMBER (VIOLINIST)

- Practiced vigorously to learn new pieces

**AUG '20 – PRESENT**

### USA TRIATHLON | MEMBER

- Raced against other top athletes at the Triathlon National Championships
- 1<sup>st</sup> place at the 2018 Stonebridge Ranch sprint triathlon relay

**JUL '17 – AUG '18**