

Tim Fitzpatrick

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EDUCATION

University of Notre Dame , Notre Dame, IN	May 2023
<i>Bachelor of Science in Computer Science</i> , Major: Computer Science	GPA: 3.39
Xavier College Preparatory High School , Palm Desert, CA	GPA: 3.90
Honors/Activities: AP Scholar with distinction, Varsity Track & Cross Country	SAT: 1540

WORK EXPERIENCE

University of Notre Dame , Notre Dame, IN	January 2022 – May 2022
<i>Undergraduate Teaching Assistant – Data Structures</i>	
<ul style="list-style-type: none">Assisted students in understanding complex data structures conceptsWorked on creating supplementary lecture notes and materials for students to useCollaborated with the professor and other TAs to maintain a productive learning environment	
UberEats , Palm Desert, CA	November 2020 – Present
<i>Delivery Driver</i>	
<ul style="list-style-type: none">Reliably delivered meals to hungry customers to provide a positive dine-in experienceEngaged in conversation with a diverse clientele while delivering food, building customer service skills	
NAPA Auto Parts , Palm Desert, CA	May 2019 – August 2019
<i>Warehouse Worker</i>	
<ul style="list-style-type: none">Collaborated with fellow employees and warehouse manager to maintain an efficient warehouseInvolved primarily with warehouse organization and inventory management, improving delivery speed and inventory accessibility	

RELEVANT COURSEWORK

Database Systems , Notre Dame, IN	August 2021 – December 2021
<i>Team Leader: Muse Project</i>	
<ul style="list-style-type: none">Developed a web application to explore information about songs and artists based on user inputFollowed the OAuth 2.0 authentication flow to also allow users to interact with their Spotify accountsUsed HTML/CSS, PHP, JavaScript and SQL to interact with a MySQL database and Spotify's API	
Computer Vision , Notre Dame, IN	August 2021 – December 2021
<i>Team Member: Facial Recognition Project</i>	
<ul style="list-style-type: none">Detected faces in a dataset of images and trained a model to recognize the face of anyone in the datasetAchieved real-time face detection and recognition using a webcam and our trained modelUsed the CV2 and Numpy Python libraries	
Operating Systems , Notre Dame, IN	November 2021 – December 2021
<i>Team Member: File Systems Project</i>	
<ul style="list-style-type: none">Used C to implement a file system and interactive shell to perform operations on an emulated disk imageModeled the basic principles of the Unix file system for manipulating files stored on diskFurther explored the benefits of combining disks in different RAID configurations	

LEADERSHIP & ACTIVITIES

Stanford Hall Intramural Basketball , Notre Dame, IN	January 2020 - Present
<i>Team Captain</i>	
<ul style="list-style-type: none">Competed against other dorms during a six-week season while balancing a rigorous academic scheduleOrganized team meetings and practices to ensure that our team was prepared to competeImproved leadership, communication, and time management skills	
Big Brothers Big Sisters of America , Palm Desert, CA	September 2016 – May 2019
<i>Big Brother</i>	
<ul style="list-style-type: none">Mentored an eight-year old twice a week after school to guide his path into adolescenceArranged tutoring sessions and fun activities for our time togetherDeveloped communication and time management skills	

SKILLS & INTERESTS

Skills – C | C++ | Python | JavaScript | React | HTML and CSS | SQL | Linux | Microsoft Office
Interests – AZ Cardinals | LA Lakers | Weightlifting | Video Games | Nutrition | Hiking | Chipotle | Marine Life