# Richard Woodruff

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## Education

**University of Texas at Austin**, Austin, Texas                          **Overall GPA:  N/A**
Bachelor of Science, Computer Science                                **August 2019 — May 2022**


**Stanford University**, Stanford, California                              **Overall GPA: N/A**
Studied Artificial Intelligence and Technical Entrepreneurship                      **Summer 2019**


**University of Florida**, Gainesville, Florida                        **Overall GPA:  3.92/4.00**
Completed First Year of Computer Science Studies                    **August 2018 — May 2019**


*Relevant Coursework: Artificial Intelligence, Data Structures and Algorithms, Client-Side Internet Technologies, Technology Entrepreneurship*

## Work Experience

**Software Engineer Intern,** Design Interactive Inc.                      **June 2017 — July 2017**
- *Enhanced an iOS project in Swift dedicated to improving users' mental acuity*
- *Configured a Raspberry Pi computer to work as the central operating system of a reconnaissance drone for the U.S. Military*

**Software Engineer Intern,** Design Interactive Inc.                **December 2016 — January 2017**
- *Engineered the initial prototype for a military reconnaissance drone*
- *Audited a TSA "pat-down suit" by debugging Intel Edison board data packets with Wireshark*

## Leadership and Involvement

**Treasurer,** Association for Computing Machinery                      **March 2019 — Present**
University of Florida
- *Managed the financial accounts for ACM and its special interest groups with a budget of $15,000*
- *Worked with other members of the executive board to plan social and professional events*

**Presenting Lead,** UF Programming Team                          **August 2018 — Present**
University of Florida
- *Presented monthly lectures to 40 beginning and advanced members*
- *Attended weekly 5 hour practice competitions in preparation for the International Collegiate Programming Competition*

**President and Founder,** Competitive Programming Club              **August 2016 — May 2018**
Trinity Preparatory School
- *Scheduled the competitions that our teams would attend*
- *Organized lectures and practice competitions*
- *Consistently placed among the top 4 teams in competitions (Lockheed Martin Code Quest, University of Florida, University of Central Florida)*

## Projects

**Minecraft Plugin Development**                                **January 2015 — Present**
- *Developed over 120 plugins in Java for Minecraft server owners using the Bukkit API*

**Trinity Prep Mobile App**                                    **August 2016 — May 2018**
- *Designed an iOS application in Swift for Trinity Preparatory School providing students, parents, and teachers with access to the daily schedule, lunch menu, and school news*
- *Averages over 6000 sessions per month during the school year*

## Skills

*Programming Knowledge: Java, C++, Swift, Python, MATLAB, HTML, CSS, JavaScript, Ajax, jQuery, React, Angular, Node.js*