

# Daniel Grace

I am a hard working and focused 2nd year Integrated Computer Science student in Trinity College Dublin. I am interested in programming and software development. I strive to be the best I can at every aspect of my life. My passions are Technology and Leadership. I am currently looking for a 2020 summer internship.

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## EDUCATION

### Trinity College Dublin, Integrated Computer Science

SEPTEMBER 2018 - PRESENT

I am currently in my second year of studying Computer Science at Trinity.

**FIRST YEAR RESULT: 2.1 Overall Grade**

## WORK EXPERIENCE

### Duty Manager, Dublin Indoor Football

DECEMBER 2018 - PRESENT

- Ran events for parties and corporate events.

### Semi-Professional Football Player, Drogheda United

JANUARY 2018 - AUGUST 2019

- I played in the League of Ireland Underage Leagues and I was promoted to the first team during my U19 season.
- I played at the highest level of football in Ireland.

### IT Work Experience , Linesight

SEPTEMBER 2015 - JANUARY 2016

- I was introduced to working with computers and IT systems during my work experience in the IT department of Linesight during my transition year program.

## PROJECTS

### Social Forum Application — Java

Project managed and programmed this Social Forum using Processing (Java) IDE. Part of my programming project module.

### AI for Surgery: Easy Annotator — ReactJS (JavaScript)

Worked alongside a research team in IBM to develop a web based portable application which allows surgeons to annotate areas on a video and send these

## TECHNICAL EXPERIENCE

I have experience with:

- Object oriented programming using Java.
- ARM Assembly language programming.
- JavaScript web based programming.
- Using MatLab to analyze Digital and Analog Signals.
- Microsoft Word, Excel and PowerPoint.
- Music Production and Sound Design with FL Studio.
- Problem Solving and mathematical skills.
- Using ReactJS to develop web applications.
- Using VHDL to program a microprocessor from gate level.
- Using Promela to verify concurrent programming solutions to problems.

## LEADERSHIP EXPERIENCE

- Recipient of the Mary Sinnott Cup in 2018 for the caring of the life of others.
- Vice-Captain of DUAFC (Trinity Soccer Club) for the 2019/20 season.
- Cinnire (prefect) in the golden jubilee year of Colaiste Choilm CBS, 2018.
- Project Manager for Programming Project module in TCD.

areas via a JSON file to a different project. Part of my Software Engineering Module.

## **Connect Four Game** — *ARM Assembly Language*

Programmed a two player connect four game in ARM Assembly language. Part of my Computing Module.