

# Patrick Schrempf

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## EXPERIENCE

### Laidlaw Internship in Leadership and Research, St Andrews

JUNE 2017 - AUGUST 2017 (10 weeks)

### J. P. Morgan, Glasgow — Summer Technology Analyst

JUNE 2016 - AUGUST 2016 (10 weeks)

Working on and improving the performance of a strategic internal Spring application by implementing database caching.

### Google ATAP Project Soli, St Andrews — Soli Alpha Developer

JANUARY 2016 - JULY 2016 (7 months)

Researching and developing a novel application as part of the St Andrews Computer Human Interaction Group (SACHI), resulting in a publication (“RadarCat: Radar Categorization for Input & Interaction”).

### School of Medicine, St Andrews — Research Assistant

FEBRUARY 2016 - JUNE 2016 (5 months)

Developing software and hardware for a new research project on handedness and laterality. The project involved creating an Android application for a tablet to be used in various research centres around the world.

### Austrian Press Agency - IT, Vienna — Web development intern

JULY 2015 - AUGUST 2015 (2 months)

Independently developing a WordPress plugin for the integration of the press agency's annotation system. Utilising and developing new skills in PHP and JavaScript to fulfill the requirements.

## EDUCATION

### EngD Computer Science - University of St Andrews, Scotland & Canon Medical Research Europe, Edinburgh

SEPTEMBER 2019 - PRESENT

Project title: “Efficient strategies for training deep neural networks”

### BSc Computer Science (First class) - University of St Andrews, Scotland

SEPTEMBER 2014 - JUNE 2018

## PUBLICATIONS

### RadarCat: Radar Categorization for Input & Interaction

Proceedings of the 29th Annual ACM Symposium on User Interface Software & Technology

## AWARDS

### John Honey Book Prize

2016/17, St Andrews

Awarded to the best student in the Junior Honours class in Computer Science.

### Dean's List

2014/15, 2015/16, 2016/17 & 2017/18, St Andrews

Awarded for academic excellence (first class average) by the Deans of the University.

## INTERESTS

### St Andrews Computing Society

Executive Committee, 2015/16 & 2016/17

Organiser and host of various hackathons and other events throughout the year for 100+ students.

### University of St Andrews Triathlon Club

Club president 2017/18

In charge of the club, organising races for students local competitors.