

# AARON KELLY

Computer Science graduate looking to build great products

+353 87 754 5920

@ aaron.paul.kelly@gmail.com

www.linkedin.com/in/aaronpaulkelly/

Dublin, Ireland



## EXPERIENCE

### Summer Intern and Supervisor in IoT and Wearables Group

Intel Corporation

05/2016 - 09/2016 Leixlip, Ireland

Semiconductor manufacturer

- Taught intermediate Java programming to a group of undergraduate science students over a 12-week summer placement
- Developed an introductory "Internet of Things" training program, which included topics on programming, electronics and sensor-based technologies

### IT Co-Ordinator

Arvato Finance

02/2008 - 08/2013 Dublin, Ireland

Financial services

- Provided application support to a number of multinational clients in the financial sector, as part of a 24/7 operations team
- Triaged software bugs, performed deep problem analysis and assisted with software updates and rollout
- Used a variety of network monitoring and performance metric tools to ensure business-critical applications met high availability agreements

## EDUCATION

### BSc (Hons) Computer Science

University College Dublin

09/2013 - 05/2017

- Compilers, programming languages and software development methodologies
- Machine learning, algorithms and datastructures
- Computing theory, architecture and networking

## STRENGTHS

### Self-starter

A naturally curious mindset has made me an enthusiastic and energetic learner, able to approach difficult tasks autonomously

## SKILLSET

C

Java

Javascript/HTML/CSS

Python

Ruby

SQL

Agile

Ansible

Bash scripting

Docker

Git

Linux / Unix variants

## PROJECTS

### Algorithmic Music Generation using L-Systems

09/2016 - 05/2017 Dublin, Ireland

Fourth-year individual software development project, written in Python:

- Uses fractal-based mathematical structures to generate music
- <https://github.com/aaronpkelly/algorithmicMusic>

### Stochastic Methods for Resource Allocation

01/2016 - 05/2016 Dublin, Ireland

Third-year team-based software development project, written in Java:

- Uses simulated annealing to find optimal solutions to problems with finite resources
- <https://github.com/aaronpkelly/simulatedAnnealing>

## INTERESTS



Computer music and live coding



Game development