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EDUCATION

2016 – 2019

BSc Computer Science — **University of Southampton**

- Finished 1st & 2nd year with a first-class degree (above 70%), 3rd year predicted first
- Involved in leading 3 societies, I managed school/work/volunteering responsibilities well
- Coursework included REST web services, object-oriented design, complexity analysis

Data Management (SQL, 95%)	Programming II (Java, 92%)	Algorithmics (Java, 88%)
Machine Learning (Python)	Computer Systems II (C)	Computer Vision (Java)

2012 – 2016

Romanian Baccalaureate — **"Roman-Voda" National College**

- Graduated with 10/10 in Informatics (C++) and 9.8/10 in Mathematics
- Participated in the National C# Olympiad and Regional Informatics (C++) Olympiad
- Outside school I taught myself software development and worked as a freelancer

WORK

Sep 2016 – Oct 2018

Co-founder & CTO — **Futuristico**

- Worked on 6 startup ideas + 1 consultancy job in travel, blockchain, mobility spaces
- Built chat bots for real estate lead generation, travel concierge, cheap flight search
- Built a bot framework & customer support tools for a Spanish online travel agency
- Built a scooter-sharing solution with React Native apps for Android (Java) and iOS
- Responsible for design (UI & UX), testing, strategy, product development, marketing, infrastructure (backend, Docker, Kubernetes, node.js, MongoDB, Terraform)

Nov 2014 – Aug 2016

Mentor — **Codementor**

- Assisted developers in debugging/refactoring code and learning new technologies
- Had 50+ mentoring sessions with excellent reviews and an average rating of 5/5 stars
- Worked with Java, Ruby, React, Docker, Jenkins, Node.js, MongoDB, Electron

Nov 2013 – Mar 2015

Web & Android Developer — **StarterSquad**

- Part of 2 software consulting teams, helped build and demo 5 projects for clients
- Wrote the foundation code for an internal project management dashboard
- Worked with Android (Java), AngularJS, Node.js, MongoDB, Agile, TDD

May 2013 – Nov 2013

Freelancer — **CloudSpokes**

- Rebuilt the company's Chrome extension and migrated part of their API to Node.js
- Successfully completed 10+ paid projects with good client and manager feedback
- Worked with Java, PostgreSQL, JavaScript, e2e testing, Google Visualization API

VOLUNTEERING

May 2018 – Present

President — **HackaSoton**

- Organised events attaining the society's mission to promote student entrepreneurship
- Lead a committee of 4 members and helped create a new brand for our hackathon
- Raised $15,000+ from 5 sponsors to fund our society's activities (200+ members)
- Responsible for design, website development, fundraising, management, marketing

Jul 2017 – Jul 2018

Campus Ambassador — **Docker**

- Responsible for raising student interest in Docker by organising events in Southampton
- Held a workshop titled "Docker 101" where I taught 50+ students how to use Docker
- Became a Docker Certified Associate (Oct 2017 – Oct 2019, license 10926646)

ONLINE COURSES

Functional Prog. Principles in Scala Martin Odersky, EPFL	100%
Machine Learning Andrew Ng, Stanford University	95.4%
Cloud Computing Concepts The University of Illinois	78.5%
DS220: Data Modeling (Apache Cassandra) DataStax Academy	all
Rapid Prototyping Google, Udacity	all

PROJECTS

Messenger for Desktop: Facebook Messenger client for Mac, Windows, Linux having 10,000,000+ downloads since 2015

AdBuzz: desktop app for visualizing advertising campaign results; built with SQLite, Java, JavaFX (group project for university)

0xSushi: desktop app for a restaurant to manage orders, delivery drones, kitchen staff, stock; built using Java and Swing (university coursework, received praise and 100% mark from lecturer)

aluxian.github.io/Tweeather: Machine Learning experiment built with Hadoop, Apache Spark, Scala (Java) that correlated sentiment on Twitter to weather conditions in Europe

Butler: voice-powered personal assistant for Android, created with Google Knowledge Graph, Akka, Scala, Java, AWS, NLP

RObotzi: my first Android app, it allowed users to watch and download episodes of a popular show; it was written in Java and had over 70,000 downloads on the Google Play Store

COMPETITIONS

1st place — Cryptocurrencies for Fun & Profit (Netcraft)
Gained the most coins by optimising the mining algorithm and exploiting the vulnerabilities of a cryptocurrency written in Go.

2nd place among Southampton teams — UKIEPC 2018
Solved 5/12 hard algorithmics problems in 5 hours using Java.

3rd place — START Hack 2017
Built a blockchain-based solution for pay-as-you-go driver insurance using Go, Python, and embedded C.

1st place — Network Programmability Contest (Cisco)
Built a Quality-of-Service Policy Manager app for routers in Java.

SKILLS

Languages: Java, Go, Python, C++, Kotlin, Scala, SQL, Haskell, Swift, HTML, CSS, JavaScript, GraphQL, Shell scripting (bash)

Frameworks: iOS, Android, macOS, Electron, React Native, Node.js, React, Flux, AngularJS, Google Polymer

Machine Learning: classification, regression, naive Bayes, neural networks, TensorFlow, Apache Spark MLlib, Keras, scikit-learn

Others: Agile, Getting Things Done, Test Driven Development, DevOps, Linux, Docker, Kubernetes, Amazon Web Services

EXTRAS

- I've read the book Effective Java by Joshua Bloch
- I've made 2,768 commits on GitHub in 100+ repositories
- I wrote my first "hello world" in C++ when I was 12 years old
- I am passionate, ambitious, analytical, perseverant, reliable, energetic
- My hobbies are boxing, dancing salsa, playing video games