Andrei Ioan Cioara

Work experience

Sept 2016 – present **Jump Trading (Chicago)** – Software Developer
- Written fast-path C++ code for exchange connectivity and order placing
- Ported legacy C++ software to web technologies using React, D3.js, Django and Tornado
- Written a highly robust multithreaded PyQt application that runs on 100+ trader desktop machines

Apr 2016 – May 2016 **LeetCode** – Community Author
- Written comprehensive solutions for sample Software Development interview questions

Oct 2014 – March 2016 **Imperial College London** – Undergraduate Teaching Assistant
- Mentored and tutored first-year undergraduate students in programming Haskell, SQL and Java

April 2015 – Sept 2015 **Palantir (Palo Alto)** – Software Development Intern
- Front End developer on the largest Palantir Open Source project, PlottableJS
- Focused on JavaScript performance improvements, tooling and new features

June 2014 – Sept 2014 **Microsoft (Redmond)** – Software Development Intern
- Developed an iOS app for the Customer Relationship Management team – Microsoft Dynamics
- Written a C# MVC application with a REST API, which later served as data source for the iOS app

May 2014 – June 2014 **PeopleGraph** – Web developer (contractor)
- Developed a Google Chrome extension that improves social network experience for recruiters

Sept 2013 – June 2014 **CoLake Care** – Web developer (part time)
- Full stack developer for a UK based startup that aims to modernize the care industry
- Developed using PHP & Laravel Framework and deployed on an Amazon Web Services VM

July 2013 – Sept 2013 **Geonomics (London)** – Software Development Intern
- Full Stack Java Web Developer for the platform www.geolotto.co.uk

April 2013 – Apr 2013 **Morgan Stanley** – Technology Spring Insight Programme

Sept 2011 – June 2012 **Informatics Team Coach**
- Presented advanced algorithms and data structures to other high school students
- 4 of my students got into the main team of 6 and secured two medals in the National Olympiad

Education

2012 – 2016 **Imperial College London,** MEng in Computing
- Graduated with **1st class** degree
- Engineering Dean's List 2013 – awarded to top 10% of the Engineering students

2008 – 2012 **"Horea, Closca si Crisan"** National College, Romania
- Romanian Baccalaureate: Informatics **10/10,** Mathematics **10/10,** Romanian Language **9.20/10**
- Specialized in Informatics, Mathematics and English Language – Overall grade: **9.95**

Awards

- ICHack 2014 – **Most ambitious project** prize – Google Glass app that solves the Rubik Cube
- HackKings Hackathon 2014 – **First place** – Map of life quality in London
- Romanian National Olympiad in Informatics – **Gold medal** 2012, **Bronze medals** 2011, 2010

Skills

Programming Languages: Python, JavaScript, C++, Java, Haskell, Bash
Technologies: ReactJS, jQuery, TypeScript, SQL, HTML, CSS, PHP | iOS, Android, React Native