

ALEX GRACE

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📍 Guildford, UK



SEEKING A SOFTWARE DEVELOPER GRADUATE JOB

I am a highly motivated and ambitious student who works extremely hard to meet his work, educational and personal targets with an enthusiastic attitude and a desire to learn. I have a true passion and interest in technology with open-source experience and technology work experience. I am a strong communicator, work well in a team and enjoy working in a demanding and fast pace environment. I have a solid academic track record and am pursuing a career in technology.

EDUCATION

BEng Electronic Engineering with Placement Year

University Of Surrey

📅 Sep 2013 - June 2017 📍 Guildford, UK

- Predicted 2:1
- Final Year Project: Using Social Media Data to Analysis City Dynamics
- Final Year Group Project: Creating an "Internet Of Things" Wearable Medical Watch
- Placement Year at J.P. Morgan Chase
- Modules studied include: Programming (C & C++), Computer Vision and Pattern Recognition, Data & Internet Networking, Electronics (Analogue & Digital), Digital Signal Processing, Mathematics, Engineering Science, Communications and Networks, Labs, Design & Professional Studies

Sixth Form & Secondary School

Chew Valley School & Sixth Form

📅 Sep 2006 - June 2013 📍 Bristol, UK

- A Levels: Mathematics (A), Further Mathematics (B), Physics (B)
- AS Levels: Mathematics (A), Further Mathematics (A), Physics (A), Chemistry (C), Music (D)
- GCSE's: 2 A*'s, 4 A's, 4 B's

LANGUAGES

Web Development



C



C++



Javascript



Unix



Swift (iOS)



SQL



Git



Java



Node.js



PHP



TECHNOLOGIES

ETL (Informatica PowerCenter) Support

Geneos Monitoring

IBM Cognos Reporting

SAP Business Objects Reporting

Amazon AWS & Heroku

Matlab

EXPERIENCE

Summer Intern - Regulatory Risk & Compliance, Integrated Controls Framework Developer and Business Analyst

Deutsche Bank

📅 June 2016 - Aug 2016 📍 London, UK

- The project was building a flexible tool with data from the Service Now Ticketing system to display Deutsche Banks compliance with technology regulations and policy, any compliance gaps and further detail into specific teams, applications and impacts in a near time dashboard for senior management, managers and regulators.
- My role was to help setup the data universe and then create the first version of the dashboard using SQL and SAP Business Objects Design Studio. The version of the dashboard I created was used to present the vision of the project to gain future funding from more senior management. Also created use cases, requirements and test data.

Year Long Intern - Global ETL(Informatica) & Messaging Support

J.P. Morgan Chase

📅 June 2015 - June 2016 📍 Bournemouth, UK

- Responsibilities included investigating and resolving outages and support tickets raised by our internal clients within the required timeframe across all environments (Dev to Prod) and performing root cause analysis, execute code deployments using the command line, monitor teams infrastructure, plan maintenance and notify users, weekend European support and chair the teams two daily scrum calls.
- Worked on the team tech refresh, responsible for acquiring the license and communications.
- Implement new Geneos key performance indicators on the systems to monitor usage on each server and provide trending analysis.
- Created automated infrastructure performance and issue reports on IBM Cognos.

Student Life Mentor

University Of Surrey

📅 Sep 2016 - ongoing 📍 Guildford, UK

Brand Rep - Semester-Time Job

Hollister

📅 Nov 2014 - ongoing 📍 Guildford, UK

Various Shop Floor Roles - Holiday Job

Waitrose

📅 July 2013 - Jan 2015 📍 Wells, UK

Various Roles - Holiday Job

Castle Of Comfort Inn

📅 July 2013 - Apr 2015 📍 East Harptree, UK

ACHIEVEMENTS



Appointed Course Rep

An important role representing the cohort in meetings with senior departmental representatives.



Gold Duke of Edinburgh Award

For the award I undertook:

Volunteering as a helper at my local Youth Club (volunteering), swimming for my local Swimming Club (activity), playing trumpet to Grade 7 (skill), a 2 week residential music summer camp in France (residential), and two 4 day wild hikes (expedition).



University Swimmer

Member of the University of Surrey Swimming squad and raced at the British Universities and Colleges Sports Championships in Sheffield twice.



Grade 7 Trumpet & Grade 5 Singer

Was part of County Senior Brass Band and Symphonic Wind Band which competed in national competitions. Was also part of the school Orchestra, school Jazz band and sung in two school choirs & competed in BBC School's Choir of the Year competition.



Toyota Technology Challenge

At school, took part in the Toyota Technology Challenge to create a miniature solar powered car reaching the regional finals.



Electronics & Amateur Radio Society

Member of the University of Surrey Electronic and Amateur Radio Society (EARS).



Attend Toastmaster



Founder of Village Paper Round



First School Magazine Editor



Tech Lessons to Neighbours

PROGRAMMING EXPERIENCE

Moments-Timezones

<https://github.com/moment/moment-timezone/pull/377>

Open-Source Contribution - Javascript

- Added functionality to return the countries within a time zone and to return the zones within a country.

Tribe App

In Development

- The golden source of your private data and the new standard in personal data management.
- Swift iOS app using an API to connect to Node.js backend hosted on Heroku using Postgres Database. OAuth API for clients.

HireAlexGrace.com

www.HireAlexGrace.com

A digital CV website with a dynamic and clear user experience showcasing Alex's experience, education and skills to potential employers.

- Built from HTML, Javascript, CSS and PHP using Bootstrap 3, Yeoman WebApp Framework, Gulp, Bower and Travis Continuous Integration.
- Google PageSpeed Insights Score: 94/100

Final Year University Projects

- Final Year Project/Dissertation: Using Social Media Data to Analyse City Dynamics
- Final Year Group Project: Creating an "Internet Of Things" Wearable Medical Watch

University Coursework Projects

[www.github.com/alexgrace95/Quadtree-Encoding-of-a-Binary-Image](https://github.com/alexgrace95/Quadtree-Encoding-of-a-Binary-Image)

Languages: C & C++

- Year 1: Variety of C exercises
- Year 2: Quadtree Encoding of a Binary Image in C, I achieved 94%, please see code on GitHub
- Year 3: C++ Coursework Pending

Other Mini-Projects, Courses and Seminars

HACKATHONS

Deutsche Bank Hackathon,
London

J.P. Morgan Chase Global
Hackathon, Bournemouth

Hacker Rank

www.hackerrank.com/alex66

Taken part in a variety of contest
and achieve high marks

PLEASE SEE HIREALEXGRACE.COM

KEY SKILLS

★ Communication,
Networking and Social

★ Hard Working, Planning
and Organisation

★ Challenge, Persistence
and Determination

★ Teamwork and Problem
Solving

★ Desire To Learn

★ Entrepreneurship

MY PASSIONS

♥ Any Technology

♥ Formula 1

♥ Travelling

♥ Current Affairs

♥ Spending Time with Family &
Friends

♥ Relaxing & Cooking

OTHER INFO

Conversational French

Full Clean UK Driving License