Alex Grace

75 Weston Road, Guildford, GU2 8AS, UK
Tel: (+44) 79333 23735 **Email:** alex@grace6.plus.com **Github:** alexgrace95

Seeking a Software Developer Graduate Job in London or California, available from July 2017.

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.

Please see HireAlexGrace.com for full details.

Education

2013-2017	**UNIVERSITY OF SURREY - BENG ELECTRONIC ENGINEERING WITH PLACEMENT**

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 include Electronics, Programming (C & C++), Computer Vision & Pattern Recognition, Data & Internet Networking, Digital Signal Processing, Communications and Networks , Mathematics, Engineering Science and Labs, Design and Professional Studies

2006-2013   **CHEW VALLEY SCHOOL AND SIXTH FORM**
A-Levels: Mathematics (A), Further Mathematics (B), Physics (B)
AS Levels: 5 including Mathematics(A), Further Mathematics(A), Physics(A)

Work Experience

JUN 2016 TO AUG 2016   **DEUTSCHE BANK, LONDON; SUMMER INTERNSHIP**
REGULATORY RISK AND CONTROLS DEVELOPER

- 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.

JUN 2015 TO JUN 2016   **J.P. MORGAN CHASE, BOURNEMOUTH; PLACEMENT YEAR**
ETL (INFORMATICA) SUPPORT, GLOBAL TECHNOLOGY INFRASTRUCTURE

- 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.

Sep 2016 to Present	**University of Surrey**, Guildford; Student Life Mentor
Nov 2014 to Present	**Hollister**, Guildford;Sales Associate, Semester Part time Job
Jun 2013 to Jan 2015	**Waitrose**, Wells; Various Shop Floor positions, Holiday Job
Jul 2013 to Apr 2015	**Castle of Comfort Inn**, East Harptree; various Roles, Holiday Job

Programming Experience

LANGUAGES

- **Web Dev**
- **C**
- **Javascript**
- **Unix**
- **Swift (iOS)**
- **SQL**
- **C++**
- **Java**
- **Node.JS**
- **PHP**

FOR ABILITY LEVEL AND EXAMPLES SEE HIREALEXGRACE.COM

SOFTWARE PACKAGES

- **Informatica PowerCenter Support**
- **Geneos Monitoring**
- **IBM Cognos Reporting**
- **SAP Business Objects Reporting**
- **Amazon AWS & Heroku**
- **Matlab**

Open Source Experience

MOMENT-TIMEZONES - JAVASCRIPT LIBRARY - PENDING MERGE

An important javascript library downloaded over 1.3 Million times per month for minipulating times in different time-zones.

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

Other Projects

TRIBE APP - SWIFT IOS APP WITH NODE.JS BACKEND AND POSTGRES SQL DATABASE - IN DEVELOPMENT

An app focused on protecting and managing your private data, with ease and security.

HIREALEXGRACE.COM - FULL WEB STACK

A digital CV website created for myself with a dynamic and clear user experience showcasing my experience, education and skills to potential employers. Also includes links to social media platforms and the option to download my CV's.

- Built using Bootstrap 3 and Yeoman Webapp Framework with Gulp and Bower. Website hosted on GoDaddy with Github code repository using Travis Continuous Integration and utilise Cloudfare CDN to improve load time. Have embedded Google Analytics.
- HTML, CSS, Javascript, PHP
- Performance optimised achieving a Google PageSpeed Insights score of 94/100.

University Programming Coursework (C & C++)

- Including
  - Quadtree Encoding of a Binary Image (Year 2 Semester 2, C, I achieved 94%, code available on GibHub with a written report explaining the coursework and also feedback from the lecturer)
  - 2D graphics engine for drawing compost ire objects out of basic primitives from text doc (Year 3, Semester 1. C++)

Hackathons & Challenges

HACKER RANK

- Have enjoyed taking part in multiple Hacker Rank Challenges, pushing myself and achieving high percentile scores.

DEUTSCHE BANK HACKATHON, LONDON

- Attended hackathon but did not take part due to internship starting too late to register. The hackathon was focused around Everything As A Service.

J.P. MORGAN CHASE GLOBAL HACKATHON, BOURNEMOUTH

- Took part in hackathon during my year long internship, was really exciting creating a small web app hosted on an internal cloud.

Achievements, Awards and Abilities

- Appointed Second Year Joint Course Rep
- Member of the University of Surrey Electronic and Amateur Radio Society (EARS).
- Gold Duke of Edinburgh Award.
- University Swimmer.
- Grade 7 Trumpet & Grade 5 Singing.
- Toastmasters Public Speaking
- Toyota Technology Challenge.
- First Editor of the school student magazine.
- Teamwork course & J.P. Morgan Associates Bootcamp.

Key Skills

- Desire to learn.
- Hard working, planning and organisation.
- Challenge, persistence and determination.
- Entrepreneurship
- Communication, networking and social.
- Teamwork and problem solving.

PLEASE SEE HIREALEXGRACE.COM FOR FULL DETAILS