

# BHUMIT PATEL

## CURRICULUM VITAE

158 Navan Road, Dublin, Dublin 7, Ireland

✉ [bhumit@live.co.uk](mailto:bhumit@live.co.uk)

☎ +44(0)7581310136

🌐 <http://bhumitpatel.me>

<https://ie.linkedin.com/in/bhumitpatel>

## EDUCATION

---

<b>UNIVERSITY</b>	Imperial College London	Sept. 2014 - Present
<b>DEGREE</b>	MSc. Computing ( <i>Software Engineering</i> )	
<b>MODULES</b>	Software Reliability, Advanced Databases, Pervasive Computing, Privacy Enhancing Techniques, Scalable Distributed Systems Design, Software Engineering for Industry, Systems Verification, Introduction to Bioinformatics, Network & Web Security, Distributed Algorithms.	
<b>UNIVERSITY</b>	University of Hertfordshire	September 2011 - June 2014
<b>DEGREE</b>	BSc. Computer Science with 1 <sup>st</sup> Class Honours	
<b>MODULES</b>	Foundations of Computation, Artificial Intelligence & Robotics, Operating Systems & Networks, Data Driven Systems, Programming Principles, System Requirements, Further Object-Oriented Development A/B, Programming & Program Design.	
<b>SCHOOL</b>	Copland Science Specialist College	September 2009 - June 2011
<b>A-LEVELS</b>	Physics, Maths (Mechanics), Information Technology, AS Chemistry.	
<b>SCHOOL</b>	Copland Community School	September 2007 - June 2009
<b>GCSEs</b>	10 GCSEs at grades A*-C, including A* in Mathematics.	

## RELEVANT EXPERIENCE

---

<b>PERIOD</b>	June 2014 — September 2014	
<b>EMPLOYER</b>	Pirean Limited	<a href="http://pirean.com/">http://pirean.com/</a>
<b>JOB TITLE</b>	<i>Junior Developer</i>	
<b>DUTIES</b>	Developed a native Android application which helped the company win a bid for a high profile retail client. Implemented an Office 365 plug-in for in-house Identity Access Management system in Java.	
<b>PERIOD</b>	September 2012 — September 2014	
<b>EMPLOYER</b>	University of Hertfordshire, Department of Computer Science	<a href="http://herts.ac.uk">http://herts.ac.uk</a>
<b>JOB TITLE</b>	<i>Student Proctor</i>	
<b>DUTIES</b>	Assisted first year CS/IT students during practicals. Live coding demonstration during programming lectures, which helps students understand the concepts being taught.	
<b>PERIOD</b>	June 2012 — August 2012	
<b>EMPLOYER</b>	Concep Europe Limited	<a href="http://concep.com">http://concep.com</a>
<b>JOB TITLE</b>	<i>IT Intern</i>	
<b>DUTIES</b>	Importing data from one CRM to another. Responsible for ensuring data was formatted correctly.	

## SELECTED PROJECTS

---

<b>PROJECT</b>	Personal Blog	<a href="https://github.com/bhumit/bhumit.github.io">https://github.com/bhumit/bhumit.github.io</a>
<b>ROLE</b>	<i>Creator</i>	
<b>DETAILS</b>	Personal website/blog hosted on GitHub Pages using Jekyll with markdown syntax.	
<b>PROJECT</b>	Pay by Data Model for Android - Imperial College London	<a href="http://bit.ly/1hgor8Z">http://bit.ly/1hgor8Z</a>
<b>ROLE</b>	<i>MSc. Individual Project</i>	
<b>DETAILS</b>	Implementation of the Pay-by-data model conceptualized by Dr. Wu Chao & Professor Yike Guo for Android Open Source Project.	
<b>PROJECT</b>	CryptoLogin Android Application - Pirean Limited	
<b>ROLE</b>	<i>Sole Android Developer</i>	
<b>DETAILS</b>	Developed an android application which allows registration using camera to scan the QR code which is displayed on the screen at initial login time. After initial login, the user can generate a pass-code by scanning the QR challenge presented which must be entered in the login window, allowing the user to login into Identity Management System.	
<b>PROJECT</b>	Office 365 Plug-in for Identity Access Management System (IAM) - Pirean Limited	
<b>ROLE</b>	<i>Developer</i>	
<b>DETAILS</b>	Implemented an Office 365 plug-in which allows single sign-on for in-house IAM system. The plug-in was written in Java using Spring Framework. Technology used: OAuth 2.0 for Authentication, Jetty as an embedded server, and Office365 API using RESTful service.	
<b>PROJECT</b>	Continuous Assessment Tracking System 2.0 (CATE) - Imperial College London	
<b>ROLE</b>	<i>Team Lead</i>	
<b>DETAILS</b>	Re-engineered the official portal of Department of Computing, Imperial College London, to make it adapt to the modern standards, in terms of design style, and mobile device adaptation. The system helps students access course materials, submit assessments as well as record their academic performance.	
<b>PROJECT</b>	Budget management application for Android - University of Hertfordshire	
<b>ROLE</b>	<i>Final Year Undergraduate Project</i>	
<b>DETAILS</b>	A simple Android budget application for finance management and expense tracking. Technology used: Android Annotations, ORMLite (Lightweight Object Relational Mapping (ORM) Java Package), HoloGraphLibrary by Daniel Nadeau	

## SKILLS

---

<b>LANGUAGES</b>	Java, JavaScript, Python, SQL <i>Enjoys:</i> Scala, <del>LaTeX</del> , Ruby, C++, C, Haskell <i>Familiar with:</i> CSS, PHP, Scheme, Markdown, Apache Pig, XML, Lua
<b>TOOLS</b>	IntelliJ IDEA, Android Studio, JMock, Mockito, Jenkins, Travis CI, CodeSpotter, Cucumber, <code>git</code> , JUnit, Jackson, Gson, WordPress, Test-Driven Development, Spring, Maven
<b>SERVICES</b>	Amazon S3, Heroku, Parse <i>APIs:</i> Twitter, Office365
<b>DBs</b>	MySQL, PostgreSQL, SQL Server, SQLite
<b>OPERATING SYSTEMS</b>	Microsoft Windows, Mac OS X, Linux (Ubuntu, Mint, Elementary OS), Android

*References available upon request*