

# JOSHUA BRIDGE

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*About me*                I'm a server developer with a deep interest and understanding of computing and its surrounding fields. I thoroughly enjoy solving problems and within my peer group I am often the person people come to when they are stuck on a piece of work.

## employment

*Placement Year*                      2016-2017                      Cheshire Datasystems Ltd  
**Junior Application Server Developer** · Treated like a normal member of the team, I was working on large scale enterprise Java software, including high volume server applications. Day-to-day focus on Scrum principles, pair programming, clean code, test-driven development and fixing technical debt from legacy code.

*Summer Job*                              2014-2015                      Discus Group Ltd  
**Production Assistant** · Production of physical disc media (CD & DVD), including copying, printing & packaging. Involved solving problems with various faulty automation machines and related software issues. In the later stages of my time there I was asked to start building a web application in PHP with a user system.

*Short Part Time Work*                      May 2015                      DX2 Websites  
**Part time Web Designer** · Created a new multi-page website design in Photoshop for a client, then helped implement this design into an existing wordpress theme.

## education

*Bachelor of Science (Hons)*                      2014-2018                      Manchester Metropolitan University  
**Software Engineering** (Currently attending - graduating 2018) · My final year project is a photo filter API with a recommendation system, written in Python and hosted on AWS. Current units: Enterprise Programming (*Java*), Artificial Intelligence (*Machine Learning & Algorithms*), Information and Network Security (*Network fundamentals & Encryption methods*).

*GCSE & A-Level*                              2008-2014                      Northampton School for Boys  
A-Levels: Photography, Geography and Psychology.

## skills (languages, technologies & frameworks)

*Advanced*                      Java (*Spring, Hibernate, Mockito, Hamcrest*) · Python (*Flask*) · Git (*Github*)

*Intermediate*                      HTML · CSS · JavaScript (*JQuery*) · PHP · SQL · MongoDB · AWS · Jenkins · Linux ·  $\LaTeX$  · REST APIs (*Both designing & consuming*)

*Basic*                              Matlab · Weka · Bash · EJB · Google Cloud (*App Engine, Datastore*)

## skills (general)

Agile Development (*Scrum*) · Test-Driven Development · Pair Programming · Object-oriented programming · Design Patterns · Clean Code

## other information

*Achievements and Awards*                      2015 · Academic achievement award: Highest Grade on Software Engineering Level 4  
2013 · School arts award for Photography

*Interests*                              Film photography · PC Gaming · Music production · Filmmaking