

Ray Garner

Employment

- 2021-2022 | **Elan Capital Management LLP**
- IT Software Placement
 - Developed 'Orca' in Python to automate IT infrastructure tasks such as remote PDQ package deployment and Jira asset database management
 - Developed 'Slack Status' in Python to automatically modify the Slack profile pictures of slack users based on their status in PeopleHR
 - Configured network devices such as Cisco switches and Palo Alto firewalls
 - Set up Linux servers to run Zabbix network monitoring
- 2019 | **The Little Theatre, Leicester**
- Electric Guitarist in pit band
 - Played for performances of Andrew Lloyd Webber's 'Cats'.

Education

- 2019-2023 | **University of Nottingham**
- First Class Bsc Hons Computer Science with Year in Industry
 - Completed final year project on 'UNIX style computer aided music composition' by developing software to demonstrate music theory implemented using the UNIX software philosophy and produced an accompanying dissertation researching computer aided composition methods
 - Worked in group development project for 'Signonline: access to work' to build a web system allowing deaf people to network with interpreters as part of the UK 'Access To Work' scheme
- 2017-2019 | **Wigston College**
- Achieved A, A, B in A-Level Computer Science, Music Technology and Music
 - Composed a western classical style piece using Sibelius, produced music using Cubase and developed a chess engine in VB.NET
- 2019 | **RSL Awards**
- Achieved RSL Grade 8 Electric Guitar with merit

Projects

- 2022-present | **Mosaic**
- Developed a suite of software tools used to study music theory
 - Designed the system so that the programs transmit modal, melodic and harmonic data to each other using UNIX streams
 - Additions are continually being made
- 2022-2023 | **Waiting At The Nook**
- Composed, performed and recorded an album of 12 guitar pieces
 - Performed live at LCB Depot Performance 2023 in Leicester
 - Published recordings on major streaming sites including Spotify and Apple Music

References available on request