

# Ray Garner

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## Education and Qualifications

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- Second year Computer Science BSc student at the University of Nottingham
- RSL Grade 8 electric guitar
- A, A, B in A-Level Computer Science, Music Technology and Music through Wigston College
- 11 GCSEs A\*-B through Guthlaxton High School

## Software Experience

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<b>Software development</b>	vim, gcc, gdb, ghc, vscode, Eclipse IDE, MATLAB, Visual Studio, Chrome dev tools, git, make
<b>Multimedia</b>	Reaper, Cubase, Ardour, ffmpeg, Audacity, Avid Sibelius, Musescore, GIMP, Blender
<b>Network tools</b>	netctl, ftp, ssh, Citrix Receiver, VMware Horizon
<b>Design</b>	Google SketchUp, Circuit Wizard
<b>Programming/scripting languages</b>	C, ARM asm, Java, Haskell, MySQL, JavaScript, PHP, VB.NET, shell script
<b>Markup languages</b>	HTML, CSS, $\text{\LaTeX}$ , Markdown
<b>Operating systems</b>	Arch Linux, Debian Linux, Windows 7 onwards, macOS Sierra onwards
<b>Programming projects and interests</b>	I have written chess engines in C and Haskell and a multi-track audio recording tool in C and shell script

## Musical Experience

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- Lead guitarist in Leicester alt-rock band “The Scrubs”
- Lead guitarist in the Wigston College Jazz Band
- Choir member in “The Armed man: A mass for Peace” at the Royal Albert Hall
- Guitarist in Rhys Chatham’s “A Secret Rose” Birmingham Town Hall performance
- Recording technician for Wigston Academy Trust GCSE Music recitals
- Lead guitarist and co-producer in Leicester math-rock band “PE Department”
- Session guitarist for friends and students
- Pit band guitarist for the shows: Joseph and his amazing Technicolour Dreamcoat (Abington High School), Little Shop of Horros (Guthlaxton High School), Annie (Wigston College), School of Rock (Wigston College), Cats (The Little Theatre)

## Perfectcast Ltd Work Experience

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- Laptop hardware upgrades
- Corporate laptop imaging
- Cisco video conference system installation
- Blender renderfarm setup
- End-user and network IT support