



# DONALD NEWHOLM

## FULL STACK DEVELOPER

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### PROFILE

Hi! I'm a Makers graduate looking for a Junior role. I am trained on the full stack but I would also be happy to specialise.

I primarily work with JavaScript, and I feel at my strongest working with Vue. Lately I have been consolidating my React skills. I am also an adept Rubyist.

As a dedicated musician, I have been working on music based projects since finishing Makers. Last year I built a band website with Vue; I am now building a browser based synthesiser with React. Further details are below.

My biggest hit: <https://www.youtube.com/watch?v=hWTFG3J1CP8>

### LANGUAGES

**JavaScript** vue • react • jquery • d3 • cypress • jasmine • jest • node • express  
**Ruby** rails • rspec • capybara • sinatra  
**Other** html • css • bash • sql • travis • heroku

### SKILLS

- Object Oriented Programming
- Pair Programming
- Test Driven Development
- Behaviour Driven Development
- Agile

### TECH PROJECTS

**SCRYNTH** (current project) - browser based synth with more features to come built solo. React front end, Node back end. Runs using the Web Audio API.  
<https://scrynth.netlify.app> • [github.com/CodeKrakken/scrynth](https://github.com/CodeKrakken/scrynth)

**TRICKY SUSAN** - promotional website for rock band Tricky Susan built solo with PEVN stack & Heroku • deployed with Hostgator  
[trickysusan.co.uk](https://trickysusan.co.uk) • [github.com/CodeKrakken/trickysusan](https://github.com/CodeKrakken/trickysusan)

**SPACE ROCKS** (work in progress) - informative asteroid tracker built solo with PEVN stack & Heroku • deployed with Firebase  
[space-rocks-8513a.web.app](https://space-rocks-8513a.web.app) • [github.com/CodeKrakken/space-rocks](https://github.com/CodeKrakken/space-rocks)

### EDUCATION

#### MAKERS

Full Stack Software Development (Sep '19 - Jan '20)  
Intensive full stack software boot camp in London, designed to simulate the tech workplace.

- tackled challenges independently with pair programming & solo study
- worked on group projects using Ruby, Rails and JavaScript
- mentored three students in junior cohort

#### LONDON METROPOLITAN

B/A Film Studies (2:1)

# EMPLOYMENT

RESEARCH DEGREES

CO-ORDINATOR

KING'S COLLEGE LONDON

APR '17 – JUN '19

- managed examination of PhD theses; negotiated discussions; liaised frequently with international universities, other teams and departments
- checked and routed documents; inspected expenses claims; enforced deadlines and word limits; tracked details of examiners, boards & appeal cases
- cut administration time by 50%; digitised process, reducing waste by 75%; restructured task schedule to eliminate team's 300+ email backlog

COURSE ADMINISTRATOR

UCL INSTITUTE OF EDUCATION

APR '15 – OCT '16

- promoted after 5 months and given an assistant; ran 6 postgrad courses; appointed exam board staff; taught staff new IT systems;
- first point of contact for students; fielded post, calls and ~100 emails daily; maintained course website
- conducted surveys, analysed and presented results; monitored student engagement and visa compliance

ASSESSMENTS OFFICER

KING'S COLLEGE LONDON

AUG '14 – MAR '15

- constructed exam papers (liaised with contributors, navigating database, managing revisions, finalising format); digitised process
- ensured safe passage of irreplaceable study logs and confidential exam papers; oversaw reorganisation and transfer of student files between secure facilities; invigilated exams

DATABASE MANAGER

MINISTRY OF JUSTICE

OCT '09 – DEC '11

& AUG '12 – FEB '13

- delegated account management team workload; led team of 12 in biannual dispatch of 100,000 statements
- set up and maintained accounts on local and online databases; collated and delivered team workloads for 100+ civil servants
- reduced office paper waste by 3000 sheets per week
- received six bonuses for my contribution to the department's work; deputised for team leader in his absence

# MUSIC WORK

LEAD GUITAR, **TRICKY SUSAN**

**Undercover** (single & video, 2020) • **Grab** (single, 2020)

CHIEF, **DAWN OF THE SQUID**

**"Hubris"** (album, 2019) • **Goat Boat** (video, 2019)

VOX, GUITAR,

CO-WRITER, PRODUCER

**PIG WITH THE FACE OF A BOY**

**What Nick Did Next** (single, 2017) • **Spotify Song** (single, 2014)

**Pi & Mash** (video, 2014) • **Climate Change Denier** (video, 2014)

**The Girl with the Arms Made From Marrows** (album, 2012)

**Complete History of the Soviet Union** (video, 2010)

**La la ha ha** (album, 2009)

VOX, GUITAR,

WRITER, PRODUCER

**THE NOT-TOO-DISTANT FUTURE**

**La Boite Diabolique** (album, 2007) • **I am Ahab!** (video, 2007)

**"... from my cold dead hand!"** (album, 2004)

**They Always Get You In The End** (album, 2000)