Sean McCann

Computer Science Student

Looking to secure an internship to demonstrate and improve my software development skills.

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○ SeanEmac

Languages

Java	**JavaScript**
Python	**HTML & CSS**
Node-Red	**C**

Skills

Git	**REST API**
Linux	**Docker**
Node.js	**Bootstrap**
Express	**Agile**
MongoDB	**Slack**

Education

2016 - 2020 **BSc, Computer Science & IT** National University of Ireland Galway
First Class Honours 81% average

Algorithms & Data structures, Database Systems,
Computing Systems, Object Orientated Programming,
Software Engineering, Networks.

2010 - 2016 **Leaving Cert** (550 Points) Clongowes Wood College
A grade: Physics, Mathematics, English
B grade: Geography, French, Art.

Experience

June 2018 - Sept 2018 **Software Development intern** Bim Launcher
- Developed node-red flows & Javascript to allow data transfer and compatibility between software providers, such as Autodesk, in the construction industry.
- Wrote Swagger specification and documentation for REST API's with up to 70 endpoints along with a testing suite using mocha.
- Created a file upload and analysis service for a cloud document management software.
- Took part in meetings and calls, helped write product scopes for new features.

Sept 2017 - May 2018 **Student Ambassador** NUIG
- Represented the University on open days and events with thousands of guests.
- Collecting and submitting student registration data.

Projects

Playlist Generator **Link | Github**
Node.js app using the Spotify API to recommend songs and create playlists. Used Axios and EJS aswell as bootstrap. Deployed to Heroku.

Internship Search **Github**
Node.js & MongoDB app for students to log-in, chat and search for Internships. SCRUM leader of the group.

Data Visualisation **Github**
Python program using Pandas and Matplotlib to create graphs from a Rent Price dataset from the Central Statistics office.

Personal Website **Link**
Bootstrap portfolio website with descriptions and links to all of my projects. Configured custom DNS and hosted with github pages.

Honours & Achievements

- Winner of Cisco Jam programming competition 2018.🏆
- Elected Computer Science Class Representative, NUIG Students Union 2017.
- Received the NUIG ALIVE award for volunteering 2017.
- Alberto Hurtado Scholarship, Clongowes Wood College 2010-2016.