

# DAVID CONNER

I am a digital media graduate (M.Sc.) with project experience in educational research as well as in the private sector. During my studies I focused on e-assessment software and moved over to b2b software for IBM Notes Domino.

- » **Status:** Fullstack JS Engineer, M.Sc. Digital Media, Consultant
- » **Fields:** Project Management, Software Development, Consulting

## »» Education

Virginia Western Community College

**2021 - 2023; 2006 - 2008** **Mechatronics Systems E.T.**

- » Master Thesis: Semi Automated Scoring in Technology Based Assessment
- » Developed and evaluated an algorithm for semi automated scoring of spreadsheet data

Virginia Tech

**2004-2006** **Computer Science**

- » Co-Invented a touch table application for medical support, co-developed software (Java)
- » Formed a scrum team, maintined project dev server (Debian), surveyed target audience

## »» Education

University of Bremen

**2012 - 2015** **Master Studies Digital Media**

- » Inter-cultural classes in English, covering special topics in computer science and design
- » Professionalized in research methods, software development and e-assessment

University of Melbourne

**2009 - 2010** **Semester Abroad**

- » Mastered six months of study and trans-cultural experience in Melbourne, Australia
- » Finished machine programming, information visualization, professional essay writing

University of Bremen

**2007 - 2012** **Bachelor Studies Digital Media**

- » Fundamentals in Computer Science
- » Bachelor thesis focused on experimental redesign of the keyboard to support functional illiterates.

## »» Summary

I am a digital media graduate (M.Sc.) with project experience in educational research as well as in the private sector. During my studies I focused on e-assessment software and moved over to b2b software for IBM Notes Domino.

Currently I develop and evaluate the next generation learning management system with Meteor based on an extensive nursing curriculum for healthcare education. I also love fitness, martial arts, videogames, news and Sci-Fi series.

- » **Tech:** Meteor, Javascript, Bootstrap, Mongodb, Git, Webstorm, Sourcetree, Terminal
- » **Loves:** Global Game Jam, Sci-Fi series, Stackoverflow, Fitness and Martial Arts

## »» Experience

Virginia Western Community College

**2022 - 2023** **Engineering Student Aide**

- » Maintain Ender-3 Pro and Raise3D printers. Synced Ender-3 configurations for PLA plastics
- » Created an Autodesk Fusion CNC config for a Velocity CNC. Collected notes on almost all equipment including support links and digital copies of manuals

RAKE Digital

**2018** **Cloud Engineer**

- » Used MS SQL table metadata to quickly learn the accounting database schema for Millennium and ReadyPay
- » Designed an application stack with LoopbackJS and Angular 6 to automate payroll tasks in Azure

Voxxel (Startup)

**2015 - 2017** **Founder**

- » Built a Rails API to back prototypes in iOS, Android and AngularJS (with Web Audio)
- » Voxxel enabled fans to score their impersonations of movie quotes and accents

Oscil8 (Startup)

**2011 - 2015** **Founder**

- » Oscil8 was designed to be the "Github for Music Producers"
- » Developed a business model and strategic vision

Left + Right (Contract)

**2014** **Student Assistant / Programmer**

- » Developed a web service to extend a Ruby on Rails application with reporting on SQL Views
- » Cached report results in MongoDB to enable a dashboard

Jumpcloud

**2013** **Student Assistant / Programmer**

- » Full stack development using a NodeJS API and MongoDB
- » Integration tests using Mocha, Selenium and Soda