STEPHEN DELVES

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Profile

I am a highly motivated, hardworking individual, graduating from the University of Leicester with a First Class Bachelor's Degree in Physics with Astrophysics and a Year Abroad. I am pursuing a career as a Technical Analyst after I was introduced to coding at university and found this to be an exciting and challenging area. Following graduation I completed a number of eLearning courses expanding my knowledge and expertise of coding language and machine learning which led to securing a position at _nology, a leading tech training company. Having successfully completed an intensive Technical Analysis training program at _nology, currently I am gaining professional experience working on in-house assignments. I am now looking to secure a position as a Technical Analyst at a leading institution.

Key Skills & Qualifications

- Professional Scrum Master Certification (PSM1)
- ISTQB Foundation Level Software Tester
- Professional Consultancy & Business Analysis Skills
- Software Delivery: CI/CD, Git, Command Line, HTML, CSS
- Agile Methodologies
- Data Analysis: Excel, SQL & NoSQL, Tableau, Data Fundamentals
- Software Testing

Education & Training

_nology **2021**

- **Technical Analysis training: 6 week program**
  - *Portfolio website*: built using correct version control and modern coding standards, and deployed live using a CI pipeline
  - *Data Analysis Project*: Investigated a hypothesis and delivered a full data story using the skills learned, presenting findings to key stakeholders
  - *Requirements Project*: Acted as Product Owner to fully scope the requirements for an example project and delivered a Product Backlog and Scrum Board for a Scrum Team

eLearning **2020**

- **Courses completed**
  - IBMs certified Python for Data Science Program
  - Harvard University courses on C, SQL and Pandas

University of Leicester **2016 - 2020**

- **First Class Bachelor's Degree in Physics with Astrophysics and a Year Abroad**
  - Final degree mark of 83% achieved; notable marks, Astrodynamics 97%, Mathematical Physics 96%
  - Year abroad spent at McMaster University, Canada
  - Modules included: Quantum Mechanics, Radiation and Matter, Astrodynamics, Mathematical Physics, Stellar Astrophysics, Quasars and Cosmology

Hills Road Sixth Form College, Cambridge **2014 - 2016**

- **A Levels:** Mathematics, A; Physics, B; Chemistry, B

Work Experience

_nology **2021 to present**

- **Work Assignment**: Created a GitHub repository using Markdown Language and Version Control. The repository I created contains teaching resources, code and summaries to aid and document the content taught, and is now in routine use

Cambridge Vacuum Engineering (CVE), Cambridge **2021**

- **Work Experience:** Secured and undertook a 6-month period of work experience at CVE. Worked alongside employees in the engineering, production, and sales departments.
- **Consultancy:** Latterly, to support a major press release, I was paid by CVE to generate the efficiency figures highlighting the benefit of their vacuum welding technology compared to more traditional arc-welding technology. The algorithm I produced will be used by CVE to input future data as the vacuum welding process is optimized.

Countryside Restoration Trust, Cambridge **2014-16**

- **Volunteer**: Initially volunteered whilst working toward the Duke of Edinburgh Silver Award criteria. I was a member of an environmental management team ensuring the long-term sustainability of Countryside Restoration Trust land. The Trust teaches current and future generations the importance of conserving the natural world. Having successfully completed the Silver Award, I continued volunteering, as environmental sustainability is something I am passionate about and I could see the difference that even small groups could make.

Achievements

- **Leadership:** Team leader for final degree year astrodynamics project using multiple analytical methods to model NASA's Juno Mission to within one minute of the actual arrival time on Jupiter of the Juno Spacecraft, achieving the top appraisal and mark
- **Teamwork:** Working on research projects, an integral part of my university studies in both the UK and Canada, has allowed me to work closely with individuals from diverse backgrounds and with different ways of working, something I have very much benefitted from and enjoyed
- **Adaptable:** A successful year studying abroad is testament to my ability to adapt quickly to new environments and different ways of working
- **Motivated:** Only the second University of Leicester student in 3y to be accepted for year abroad study by McMaster University
- **Creative:** An accomplished guitarist, I compose original music scores

References

Rebecca Fennelly, Consultancy Manager at _nology, Bex@nology.io

Bob Nicolson, MD of Cambridge Vacuum Engineering, BNicolson@camvaceng.com

Dr Michael Goad (Personal Tutor), Reader, Department of Physics & Astronomy, University of Leicester, University Road, Leicester LE1 7RH, mg159@le.ac.uk