

Xav Kearney

Electronic Engineer,
Software Developer

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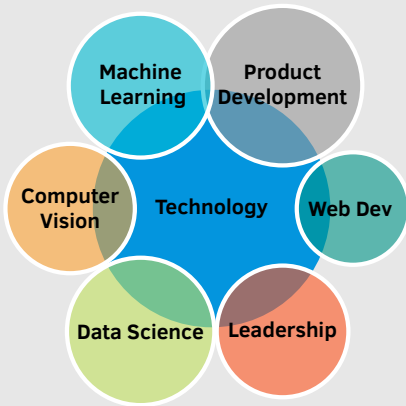


https://xav.ai



hi@xav.ai

Skills



Interests

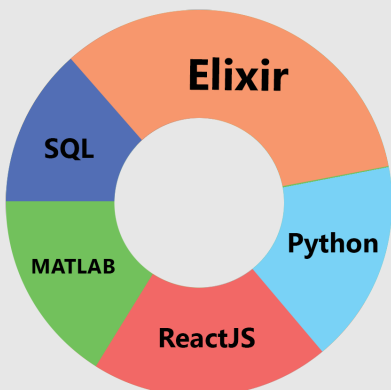
Software Engineering

Machine Learning

Entrepreneurship

Web Development

Languages



Education

2015 - **MEng, Electrical & Electronic Engineering** [Imperial College London](#)
Now *London, UK*
Graduating 2019. *Current Grade: 1.1 (78.5%)*
Dean's List (top 10% of the year) - Years 1, 2 & 3;
Maurice Hancock Scholarship for academic excellence.

2013 - **A Levels** [Altrincham Grammar School for Boys](#)
2015 *Altrincham, Cheshire, UK*
Further Mathematics, Mathematics, Physics, Chemistry (all A*).
Spanish (AS, grade A)

2008 - **GCSEs** [Altrincham Grammar School for Boys](#)
2013 *Altrincham, Cheshire, UK*
13 A*s, including Mandarin Chinese and Electronics

Experience

Mar 2018 - **Software Engineer (Full Stack)** [Nested.com](#)
Sep 2018 *London, UK*

- Full-stack software development of internal tools & customer-facing website in React with an Elixir backend serving a GraphQL API.
- Data-processing pipelines in Python with Elasticsearch.
- Consistently ranked as a 'star performer' within the engineering team.

Jun 2017 - **Data Engineer (Machine Learning), Intern** [Nested.com](#)
Aug 2017 *London, UK*

- Used Python & various machine learning tools including scikit-learn & TensorFlow to research, tune and productionise an automatic property valuation model.
- Created fully-automated custom web scrapers, handled millions of MySQL rows & deployed APIs for Elasticsearch-based data analysis.

Jul 2014 - **Design/Test Engineer, Intern** [Assembly Contracts Ltd.](#)
Aug 2014 *Greater Manchester, UK*

- Learnt to program remote automotive location tracking devices.
- Helped in the design and prototyping of a tracking wristband to help care for the mentally impaired.

Jul 2012 - **Summer Work Placement** [Aon Benfield](#)
Aug 2012 *Toronto, Canada*

- Intro to the inner workings of a reinsurance company, statistical analysis of risk and its interpretations.
- Highlighted the importance of client relationships and the ability to justify decisions involving millions/billions of dollars.

Dec 2011 - **Freelance Photographer** [XK | Photography](#)
Now *Worldwide*

- Professional photography work for various clients including The National Trust, Altrincham Grammar School for Boys, Hogan's of Hale and other local businesses.