Ivan Evdokimov

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Education

University of Essex, PhD in Computational Finance   Oct 2021 – May 2025

- **Thesis: Innovations to fundamental stock valuations: Estimating future earnings per share and free cash flows using statistical and machine learning methods.**
- Lead workshops on Linux and Software Development Tooling.
- Held pair-programming sessions with peers to work on other PhD projects.

Experience

Data Engineer, UK Data Archive – Colchester, UK   Jan 2023 – Present

- Designed AI-driven solutions (ML, LLM) for Named entry recognition.
- Deployment of these solutions to AWS, using Lambda, Step-Functions, EFS.
- Applied Python and TDD practices to create and manage data pipelines.

Research Officer and Labratory Assistant, University of Essex – Colchester, UK   June 2003 – Aug 2003

- Developed Python-based macroeconomic models to simulate financial indicators.
- Created publication-quality visual outputs for econometric studies.
- Gained experience in statistical forecasting and econometric simulations.

Publications

3D Finite Element Analysis of No-Insulation Coils   Jan 2004

Frodo Baggins, *John Doe*, Samwise Gamgee

10.1109/TASC.2023.3340648

Technologies

Languages: C++, C, C#, SQL, JavaScript, Python

Technologies: .NET, Microsoft SQL Server, XCode, Interface Builder