Launch of the EngD in Computer Science & The Data Lab Prize Studentships

The Data Lab & The University of St Andrews
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>12:45</td>
<td>Welcome</td>
<td>Brian Hills Head of Data, The Data Lab</td>
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<td>12:55</td>
<td>What is an EngD? Overview of the Programme</td>
<td>Professor Saleem Bhatti EngD Director, University of St Andrews</td>
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<td>13:10</td>
<td>The Data Lab Prize Studentships</td>
<td>Joshua Ryan-Saha Skills Manager, The Data Lab</td>
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<td>13:20</td>
<td>What are the benefits for you as a sponsor?</td>
<td>Professor Saleem Bhatti EngD Director, University of St Andrews</td>
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<td>13:30</td>
<td>Questions and Answers / Discussion</td>
<td>Chair - Brian Hills Head of Data, The Data Lab</td>
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<td>14:00</td>
<td>Close</td>
<td>Brian Hills Head of Data, The Data Lab</td>
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The Data Lab mission

- **Value:** Create economic and social value for Scotland through the application of data science.
  - + **248** New High Value Jobs
  - + **£104m** Additional Revenue in Scottish Economy

- **Enablement:** Facilitate value creation through funding and resources. The goal is not to make a profit or take IP.

- **Market led:** Operating in partnership with Industry, Public Sector and Academia.
Collaborative innovation

Projects
- 17 live, £1.8M project value
- Domains: Legal, cybercrime, predictive maintenance, energy, food & drink
- 76 in pipeline

IoT Boost
- With CENSIS and Informatics Ventures
- Awarded to Sansible Wearables

EIT Digital
- Collaboration with Usher on cross jurisdiction data sharing
Community building

Major Events
- Big Data Scotland
- Data Talent Scotland
- CTO away day

International events
- NY banking analytics
- Singapore data innovation
- San Jose Strata

Meetups
- Edinburgh, >90 per month
- Aberdeen launch last week
- Glasgow launch in June
Education Portfolio

Skills & Talent

- MSc
- PhD
- CPD Bootcamp
- EngD
- Executive Education
- MOOCs
Today’s Objectives

☐ Explain what an EngD is and how it works

☐ Outline the benefits to your organisation

☐ Explain the cost / process to become an Industrial Sponsor

☐ Offer you the opportunity to ask questions
The Data Lab Prize Studentships

EngD Places: 5
Start Date: Sept. 2016
Criteria for Industry Sponsors

Research must have a positive economic / social impact for Scotland

Base or operations in Scotland
Data-driven / Data-Intensive research
High-quality, innovative Research / New knowledge
The Data Lab Funding

The Data Lab funds 50% of costs with fees at UK/EU rate

**THE DATA LAB**

50%

£2,060.50 – fees

£8,000 – stipend

Up to £1,500 - additional costs (Approx)

£11,560.50 p.a. for 4 years

**INDUSTRY SPONSOR**

50%

£2,060.50 – fees

£8,000 – stipend

Up to £1,500 - additional costs (Approx)

£11,560.50 p.a. for 4 years
How to Sign-up

Visit [https://engd.cs.st-andrews.ac.uk/](https://engd.cs.st-andrews.ac.uk/)

- Application Form for Industry Sponsors / Supervisors indicating problem domain / research interest
- Example Industry Supervisor CVs + Support Letters available
- Identify Industry Supervisor
- Identify possible ‘in-house’ RE candidates

**Target submission date: End of June**
Sign-up Timeline

**MAY**
- Launch Event
- Website goes live
- Proposal Form open for Industry Sponsors
- Applications open for prospective REs

**JUN**
- Designing potential research problems
- Identify Industry Supervisors
- **Deadline:** 27th June - RE Applications
- **Target Date:** Industry Sponsor Proposals

**JUL**
- Work with The Data Lab & University of St Andrews to develop proposal
- Interview of prospective REs

**AUG**
- Final recruitment
- Contractual and payment arrangements
- **Start Date:** 5th September 2016
RE Recruitment Process

- RE candidates apply via website
- Industry Sponsor can identify candidates from within
- Candidates must meet minimum requirement
- Matching / Interviews - chaired by Industry Sponsor, and including The Data Lab & University of St Andrews
Course Timeline

2016
- Research Training Component Semester 1
- Background Reading
- Individual Research Component (1) (with Industry Sponsor) begins
  Possible exemption dependent on RE experience & qualifications

2017
- Individual Research Component (1) Continues
- Research Training Component Semester 2
- Individual Research Component (2) begins

2018
- Individual Research Component (2) Completion
- Final write-up
- Submission and viva voce examination

2019