Cost Efficient Scaling

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About Me

- PhD at the CS Faculty of Technion
  - Under the supervision of Prof. Assaf Schuster and Dr. Orna Agmon Ben-Yehuda
  - My research focused on systems and algorithms for market-driven multi-resource allocation in public and private clouds
- Teached this course three semesters
  - One as tutor
  - Two as lecture
- I joined the Scalable Systems team in Yahoo! Research Haifa as a Research Scientist
  - I'm working on product and open-source data platforms
  - In particular, scaling Druid Analytics through concurrent off-heap data structures

About this Lecture

- This course is about "how to scale?"
- This lecture is about "why/when to scale?"
  - Cost efficient scaling
- Informal
  - Stop me any time to ask questions
  - You can ask **anything**
- Talk about my research
  - Market driven multi resource allocation
  - Inspire you to start a Master's/PhD degree
- Talk about students' project opportunities
  - CDP project