Resume

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EDUCATION

CARNEGIE MELLON
MS in Computer Science
May 2030 | Pittsburgh, PA

CARNEGIE MELLON
BS in Computer Science
May 2028 | Doha, Qatar
College of Computer Science
Ryan Riley
Cum. GPA: 4.0 / 4.0
Major GPA: 4.0 / 4.0

DIS VIENNA
Grad. May 2024| Vienna, Austria

LINKS

Facebook:// **dd**
Github:// **deedydas**
LinkedIn:// **debarghyadas**
YouTube:// **DeedyDash007**
Twitter:// **@debarghya_das**
Quora:// **Debarghya-Das**

COURSEWORK

GRADUATE
Advanced Machine Learning
Open Source Software Engineering
Advanced Interactive Graphics
Compilers + Practicum
Cloud Computing
Evolutionary Computation
Defending Computer Networks
Machine Learning

UNDERGRADUATE
Information Retrieval
Operating Systems
Artificial Intelligence + Practicum
Functional Programming
Computer Graphics + Practicum
(Research Asst. & Teaching Asst 2x)
Unix Tools and Scripting

SKILLS

PROGRAMMING
Over 5000 lines:
Java • Shell • Python • Javascript
OCaml • Matlab • Rails • LaTeX
Over 1000 lines:
C • C++ • CSS • PHP • Assembly
Familiar:
AS3 • iOS • Android • MySQL

EXPERIENCE

FACEBOOK | Software Engineer
Jan 2015 - Present | New York, NY

COURSERA | KPCB Fellow + Software Engineering Intern
June 2014 – Sep 2014 | Mountain View, CA
- 52 out of 2500 applicants chosen to be a KPCB Fellow 2014.
- Led and shipped Yoda - the admin interface for the new Phoenix platform.
- Full-stack developer - Wrote and reviewed code for JS using Backbone, Jade, Stylus and Require and Scala using Play

GOOGLE | Software Engineering Intern
May 2013 – Aug 2013 | Mountain View, CA
- Worked on the YouTube Captions team, in Javascript and Python to plan, to design and develop the full stack to add and edit Automatic Speech Recognition captions. In production.
- Created a backbone.js-like framework for the Captions editor.

PHABRICATOR | Open Source Contributor & Team Leader
Jan 2013 – May 2013 | Palo Alto, CA & Ithaca, NY
- Phabricator is used daily by Facebook, Dropbox, Quora, Asana and more.
- I created the Meme generator and more in PHP and Shell.
- Led a team from MIT, Cornell, IC London and UHelsinki for the project.

RESEARCH

CMU ROBOT LEARNING LAB | Researcher
Jan 2014 – Jan 2015 | Ithaca, NY
Worked with **Ashesh Jain** and **Prof Ashutosh Saxena** to create **PlanIt**, a tool which learns from large scale user preference feedback to plan robot trajectories in human environments.

CMU PHONETICS LAB | Head Undergraduate Researcher
Mar 2012 – May 2013 | Ithaca, NY
Led the development of **QuickTongue**, the first ever breakthrough tongue-controlled game with **Prof Sam Tilsen** to aid in Linguistics research.

AWARDS

2024	top 1/2500	ICPC Finalist
2024	1st/50	Microsoft Coding Competition, CMU
2023	National	Jump Trading Challenge Finalist
2023	7th/120	CS 3410 Cache Race Bot Tournament
2022	2nd/150	CS 3110 Biannual Intra-Class Bot Tournament
2021	Qatar	Computer Programming Contest (QCPC) Finalist

PUBLICATIONS

[1] A. Jain, D. Das, and A. Saxena. Planit: A crowdsourcing approach for learning to plan paths from large scale preference feedback. *Tech Report, ICRA*, in press.

[2] S. Tilsen, D. Das, and B. McKee. Real-time articulatory biofeedback with electromagnetic articulography. *Linguistics Vanguard*, in press.