

Working at a Startup Named after a Math Concept

A presentation to Queen's Smith Engineering students by Bryan Hoang

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About me

My background:

- A Kingstonian
- APSC 143 & APSC 174 <3
- Apple Math Comp
- EngLinks, TA
- Looking to purchase more Apple Math hats



About me

My interests:

- Split ortholinear curved ergonomic keyboard enjoyer
- Tech
- Dungeons and Dragons
- Video games
- Anime



About Distributive

How I got in:

- Talked to a prof
- LinkedIn premium trial
- ???
- Profit

In short, networking!





The Mission

The Startup Life

- Job security
- Salary, Total Compensation
- Work life balance
- Wear many hats
- Transparency on the running a business
- A lot of students & recent grads
- Pose for photo ops ^[1]

1. <https://smithengineering.queensu.ca/news/2023/04/excellent-talent-pipeline-interns-are-treated-as-full-employees-in-12-16-month-terms.html> ↩



me: let's rewrite the CSS
my website:



Engineering Degree -> Center Pictures on a Website

- Engineering manager
- Project management
- "Communication is Key"

Problems we're trying to solve

- Finding Legendre Pairs
 - Large search space
 - Parallelizable
 - Can lead to Hadamard Matrices, leading to error correcting codes
- Distributed inferencing
 - Lower the barrier of entry while taking advantage of existing hardware
- Scheduling Optimization
 - Improve how hospitals schedule their OR rooms

Fin

Thanks for listening!