

Palash Agarwal

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Education

Cornell University, Ithaca, NY 2014 - Present

Intended Major: Bachelor of Science in Computer Science (2018)

PACE Junior Science College, Andheri, Mumbai 2012 – 2014

High School Certificate (HSC) – Class 12

Hiranandani Foundation School, Mumbai 2005 – 2012

Indian Certificate of Secondary Education (ICSE) – Class 10

Experience

GCT Educorp 2013

Conceptualized and executed a business model for growth of computer science education business of my CS teacher. It comprised of branding and multiple revenue streams including, but not limited to, creation of a student website, partnership, logo design, and tying up resources and standardized content creation and delivery.

This led to increased revenue by 40% through high revenue courses in summer and parallel classes, total potential of doubling the revenue created.

Web Development 2015 - Present

Co-created **WVector** : A Chrome extension that brings the power of Google Maps seamlessly into your browsing experience. Just Highlight the address you want to check out and let Wector show you how far the place is, and which modes of transportation are feasible.

Competitive Programming 2013 - Present

Reached the national level in the Indian National Olympiad in Informatics [a precursor to International Olympiad in Informatics].

Part of Cornell University's ACM Inter Collegiate Programming Contest (ICPC) project team.

Participated in various competitive programming contests on **HackerRank**.

University Projects 2014 - Present

SEAL: Simulating Evolving Artificial Life : Built a JAVA project, with a project partner, that simulated a world of "Critters" which had their own grammar to be parsed and interpreted. The *Critters* could wander around, eat food, reproduce, evolve, and fight. A GUI that let a user take control of individual *Critters* depicted the world was also part of the project.

Multi-Core Network Honeypot : Wrote a network honeypot in C and Assembly, with a project partner, which received packets over a network device and analyzed and classified those packets and tracked various stats over time. The system had a simple UI to allow stats to be displayed to the user.

Fully Pipelined MIPS : Built a fully pipelined MIPS processor on Logisim with a project partner.

Economics 2013

Based on the research paper "*The market for lemons: Quality Uncertainty and the Market Mechanism*" by Nobel laureate George A. Akerlof, prepared a study paper where, applied the concepts to (i) Stereotypes and social perceptions and (ii) Stock Exchange

Other

Currently a 2nd Dan Black Belt in Taekwondo.

Skills

Programming: Java, C++, C, HTML, CSS, Python, JavaScript, Git (Version Control)