

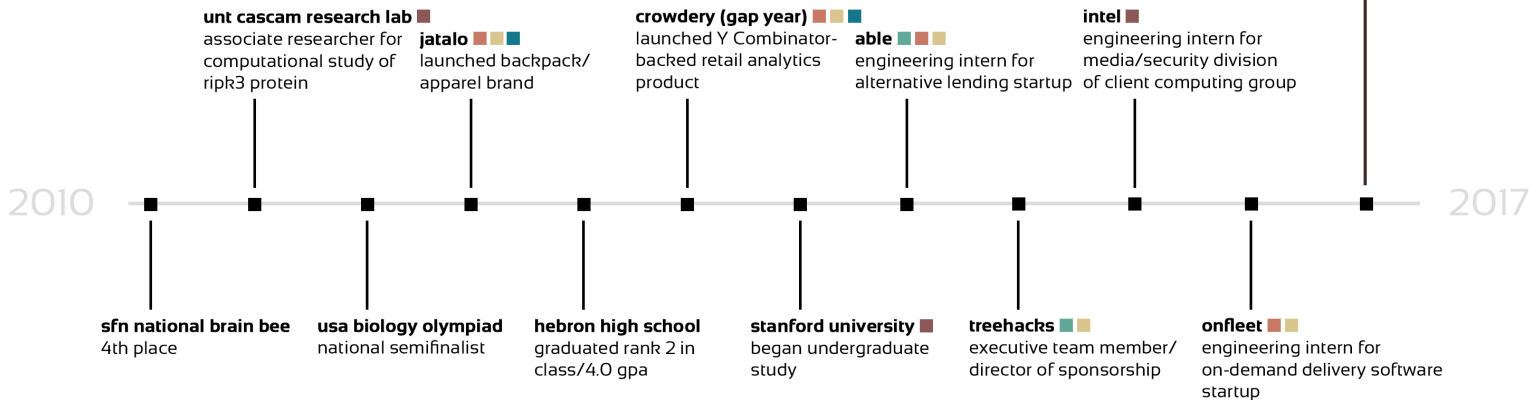
# aditya viswanathan

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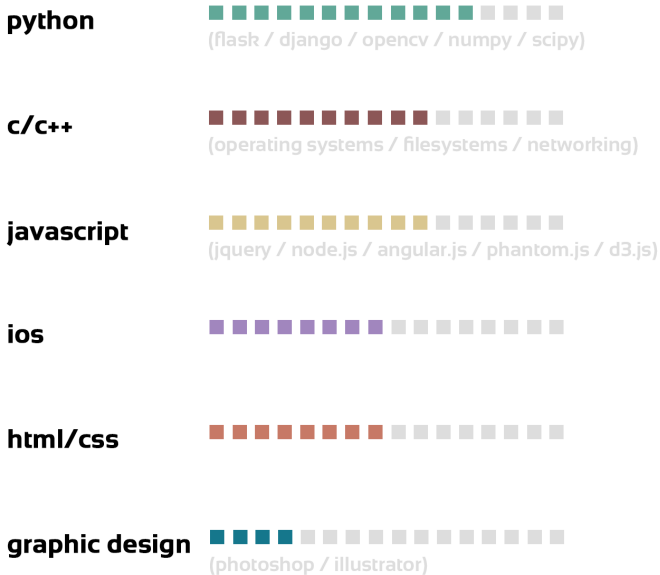
- senior at stanford university
- undergraduate student with experience in software development, entrepreneurship, marketing, and design
- bs candidate (3.5 gpa)
- major: computer science / minor: philosophy
- relevant coursework:

- |                              |                                  |                                   |  |
|------------------------------|----------------------------------|-----------------------------------|--|
| cs107 (systems) ■            | cs106x (data structures) ■       | cs161 (algorithms)                | cs140 (operating systems) ■            |
| cs110 (concurrency) ■        | cs103 (discrete math)            | cs221 (artificial intelligence) ■ | cs143 (compilers) ■                    |
| cs144 (networking) ■         | cs109 (probability theory)       | cs145 (databases) ■               | apphys293 (theoretical neuroscience) ■ |
| cs241 (embedded systems) ■ ■ | psych50 (cognitive neuroscience) | enr40 (electronics) ■             | enr50 (nanotechnology)                 |

## timeline



## proficiency



## selected projects

- pintos operating system (2016, stanford cs140)** - implemented synchronization primitives, user program support, virtual memory paging system, and file system as specified by the pintos standards
- ai trainer (2015, stanford cs221)** - winner of most popular project award, leveraged microsoft kinect to provide instant feedback of exercise form using multinomial classification of kinematic components
- biometric vascular gateway (2015, stanford cs241)** - built infrared rig and software pipeline for deterministic key generation from palm vein patterns
- logging bridge (2015, intel)** - implemented ipc to extract secure vm logs from core applications for drm media pipeline on android os
- reliable transfer protocol (2015, stanford cs144)** - implemented tcp-style networking protocol for client/server architectures with sliding window support
- able borrow (2014, able)** - built servicing platform to manage the lifecycle and analytics of a collaborative loan
- crowderly (2012-2013)** - launched predictive analytics product for retail brands to test future product designs using their web properties
- jatalo (2012-)** - launched ecommerce brand with built-in analytics, fulfillment, and promotions management