Akilesh **Bapu**

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EECS Class of 2018

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Experience

ASUC Mobile iOS
iOS Developer   *9/3 - Present*
- Created and improved Berkeley's go-to campus application
- Redesigned UI, navigation, and implement XCtests
- Provides dining hall menus, gym hours + densities, transit options, and library hours
- 5,000 Users

Computational Materials Science Research
UNT Material Sciences Dept.   *1/14 - 6/15*
- Developed and tested model that can make any metal 30% lighter without losing strength
- Used UNIX scripts written in C and LAMMPS to reinforce nano-porous copper with newly

PC's 2 Prosper Tech Non-Profit
President   *4/14 - 5/15*
- Collected and refurbished more than 100 computers from companies to donate to impoverished schoolchildren
- Created modified Ubuntu OS, gained software bug fixing experience.
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Game And Learn Tech Non-Profit
Game and Learn   *3/14 - Present*
- Founded nonProfit to create free apps for mental disabilities
- Released Dyslexia Reader Chrome Extension
- Implemented on 169 students in Denton, TX
- Worked directly with autism research PHD to develop social interaction game for 95% autistic individuals that don't get jobs

Projects

Alleviate
HackDFW 2015   *3/15*
- Typing posture correcting assistant prevents tendonitis in over 50% of computer scientists
- Used JS, Node-kit, Leap Motion SDK (IR), 3D Printed Mount

hiBar
PennApps Winter 2015   *1/15*
- Corrects workout posture that leads to injuries
- Haptic feedback if incorrect posture is detected
- iPhone App with Pebble App (Obj C + C)

AchievingInterns.com
UNT New Venture Contest *2014*   *12/14*
- *Built online internship finder with PHP back-end*
- *Gathers high-school talent for local startups*

Dyslexia Reader Chrome Extension
Game and Learn 2015   *2/15*
- *JS Chrome Extension changes font-styling according to dyslexia research*
- *Makes previously incomprehensible text readable*

Awards

Intel International Science Engineering Finalist
2015
Dallas/Fort Worth Technologically Innovative
HackDFW 2015
CAA Berkeley Leadership Scholarship
UC Berkeley 2015
University of North Texas Venture Cont. Finalist
2014
US Office of Naval Research Special Award
2015

Skills Proficient In

Developer
FrontEnd: JS, HTML, CSS, Obj. C, Swift
BackEnd — PHP, Node.js,
Unix Shell, C, Python, Graphic Design
Engineering Coursework:
UNT: Digital Logic Design, Computer Org.
Berkeley: CS61A: Structure of Interpretation
*   EE16A: Designing Devices*
Presentation:
Pitching Hackathon Proj
Presenting at Intel ISEF: 20 Judges, 2000 students