Akhil C. Acharya

github.com/akhilcacharya
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Education

- **North Carolina State University** — Raleigh, NC
  Bachelor of Science, Computer and Electrical Engineering, 3.89/4.00 — 2014-2018

- **Wake Technical Community College** — Raleigh, NC
  Associate of Science — 2012-2014

- **Wake Early College of Health and Sciences** — Raleigh, NC
  Diploma — 2010-2014

Experience

- **Downcount** — Raleigh, NC
  Lead Developer — 2014
  - Designed a beautiful Android countdown application to count down the days until a particular event
  - Downloaded more than 19,000 times
  - Implemented advertising and in-app purchase financial model using native libraries
  - Featured on Lifehacker.com, PhoneArena.com, TheNextWeb.com, and Gizmodo.co.uk

- **FantastiNotes** — Raleigh, NC
  Lead Developer — 2012
  - Developed novel means of creating reminders on on Android
  - Uses native voice recognition and location APIs to generate notifications
  - Downloaded more than 2,000 times

Skills

Programming: Java, JavaScript, C#.NET, familiar with HTML5/CSS, Python, C, PHP, Swift, LaTeX

Databases: MongoDB, Neodatis, familiar with PostgreSQL, MySQL, SQLite3

Frameworks: Android SDK, Express.js, Twitter Bootstrap, Angular.js, Kinect SDK

Research

- **Leveraging the Kinect SDK to Control a Remote Device** — Boone, NC
  Developer — Summer 2013
  - Developed during Summer Ventures in Science and Mathematics at Appalachian State University
  - Designed new method of interfacing IR remote device with the Kinect Motion Sensor
  - Won Catalyst Award for best research project at Summer Ventures, 2013, and presented findings at State of North Carolina Undergraduate Research and Creativity Symposium

Honors

- Salutatorian, Wake Early College of Health and Sciences — May, 2014
- Wake Technical Community College Dean's List and President's List — 2012 - 2014
- Catalyst Research Award - Summer Ventures — July, 2013