HENOK ADDIS

SKILLS: C, JAVA, RUBY, RAILS, JAVASCRIPT, MATLAB, HTML, CSS
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EDUCATION

2017	**Yale University | 3.62** - Electrical Engineering and Computer Science Representative Coursework: Data Structures and Programming Techniques Introduction to Electronics | Mathematical Tools for Computer Science Systems Programming and Computer Organization | Communication, Computation and Control
2013	**Montgomery Blair High School** Science, Mathematics, Computer Science Magnet Program

EXPERIENCE

Present Aug, 2014	**Product Manager and Student Developer at Yale University ITS** Leading two projects: YCC Pulse and ListManager. YCC Pulse allows the Yale College Council (YCC) to send and manage student surveys. It is created on a Rails back-end but is being implemented into the Yale Mobile application available on the App Store. List Manager will transfer and manage the panlists as they are moved to elilists within the university and is a Rails based application
2014	**Software Developer at Ancera** Worked closely with CEO of Ancera, a bio-tech company stationed in Connecticut, to create a product which makes it seamless to manage, track and complete laboratory protocols. It is created using AngularJS and a Rails API. (http://goo.gl/iiHVKB)
2014	**Intern Developer at Yale Entrepreneurial Institute** Advanced my skills in building web applications with Ruby on Rails by creating websites such as Labtop and Energize Yale. Worked alongside many start-ups and learned about the Lean Startup ideology.
2012	**Intern Programmer at University of Maryland, College Park** *Modeling Geomagnetic Storms and Space Weather* **Research Paper:** http://goo.gl/RH6UVi Applied coincidence-analysis algorithms in order to compare Disturbance Storm Time indices and Auroral Electro-jet indices in MATLAB in hopes of making more accurate predictions of future geomagnetic storms. Succeed in finding basic forms of memory in the data sets.

PROJECTS

Prok	A 2D "bullet-hell shooter" game created in Java with the use of Slick2D and LWJGL libraries. (http://goo.gl/SdN8F4)
Boola	Boola Basements is a Ruby on Rails application that allows students to find convenient summer storage for their college belongings within residencies near their university. (http://goo.gl/l0Yvlh)
Energize Yale	Energize Yale takes waste and energy usage data from Yale Facilities and displays them in an engaging manner. C3, a D3 wrapper, is used to visualize the data which is processed in Ruby. (http://goo.gl/VrC84v)

GROUPS AND LEADERSHIP

Present Since 2013	**Ron Brown Captain** Invitation-only professional development program for exceptional African American students. Awarded to top 3% of applicants.
Present Since 2014	**RevYale (Executive Committee & Web Manager)** Transforming undergraduate organizations such as Yale Engineers without Borders, Yale Aerospace and the Women's Leadership Initiative by partnering them with Yale School of Management students to tackle problem project areas.
Present Since 2014	**Yale Undergraduate Consulting Group** - **Product Development & Strategy Consultant** Worked to create an application to manage hackathons. Quickly picked up Ruby and Rails in order to contribute to the application and coupled this experience with consulting experience. Working this current semester on consulting with projects ranging from start-ups to companies.