

Anushiya Balakrishnan

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GitHub
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/ab1150
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Education & Skills

Rutgers University New Brunswick

Bachelors, Electrical & Computer Engineering, Computer Science

New Brunswick, New Jersey

September 2013 – May 2017

Coursework | Computer Vision, Distributed Systems, Digital System Design, Data Structures, Operating Systems, Computer Architecture, Probability, Discrete Structures, Software Engineering, Electronic Circuits and Design, Digital Logic Design

Technical Skills | Java, C, SQL, Git, Maple, HTML/CSS, JavaScript, jQuery, PHP, MATLAB, Arduino, Microsoft Office, ORCAD PSPICE, Visual Basic, SolidWorks, Unity

Personal Skills | Conversational in French

Experience

Veritas HR

Programmer/Developer Administration Intern

Piscataway, New Jersey

May 2015 - Present

- Full-stack developer – worked with PHP, HTML, CSS, JavaScript, and MySQL to develop an application website from scratch
- Stored client information securely in backend database for easy accessibility
- Created proposal tools for easy client-facing interface
- Coordinated IT install for new office locations

Aresty Research Center for Undergraduates

Research Assistant

New Brunswick, New Jersey

May 2014 – May 2015

- Investigated the use of ionized solution based electrodes to create an electrical conductor for tactile sensing
- 3D Printed detailed substrates using SolidWorks to design the molds
- Utilized the centrifuge and the laser cutter in an innovative manner to complete the electrode

Sai Montessori School

Teaching Assistant

Bordentown, New Jersey

May 2014 - August 2014

- Organized activities and lesson plans for summer camp students
- Communicated with other teachers to complete educational projects for 20-25 students
- Trained new teachers and co-workers alongside the head of the school

Activities

Institute for Domestic and International Affairs

Director

December 2013 - Present

- Educated high school students by simulating United Nations and U.S. Congress
- Wrote multiple, detailed policy briefs (25-30 pages) regarding issues under the jurisdiction of the Commission on Science and Technology for Science and Development
- Moderated debates and ensure that committee proceeding went smoothly for 40-60 delegates

Women in Computer Science

Member

- Organize mini hackathons for members of Rutgers University to promote women in Computer Science
- Attend workshops and conferences to network and learn more about the industry