

Alan Plotko

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Education

Binghamton University

B.S. Computer Science, May 2017
GPA: 3.54/4.00

Technical Skills

Languages

Java, TypeScript, JavaScript,
Python

Frameworks

Spring, Angular, AngularJS,
React Native, React, Express

Technologies

Node.js, HTML, CSS,
MongoDB, DB2, Git, SVN

Leadership

Association for Computing Machinery Student Chapter

Vice Chair, Web Developer
Sept. 2014 – May 2017

Computers, Robotics, and Engineering Living & Learning Community

Secretary, Member
Sept. 2013 – May 2017

Binghamton University Undergraduate Admissions

Student Ambassador
Sept. 2013 – May 2017

College Admissions Mentoring Program

Co-Founder, Web Developer
Oct. 2012 – Dec. 2015

Projects

Protect Yourself, Hack AE Hackathon

Nov. 2016

Awarded 1st Place and "Best Education Hack"

- ◇ Built a Node.js web application to teach users how to protect their personal information by guiding them through an online security checkup process
- ◇ Developed a submission system to foster community-generated content

Deceit: The Online Board Game, BrickHack Hackathon

Mar. 2016

Awarded "Best in Free and Open Source Software"

- ◇ Designed and developed an online multiplayer Python game using sockets
- ◇ Created a channel system for players to host separate games and chat

Banking Simpatico, BigRed//Hacks Hackathon

Sept. 2015

Placed in top 10 and awarded "Best Use of Capital One API"

- ◇ Simplified bank account management by creating banking data visualizations
- ◇ Implemented intelligent travel suggestions using cashback and mile data

Friendwagon, BrickHack Hackathon

Apr. 2015

Awarded "Best Use of Amazon Web Services"

- ◇ Developed a Node.js web application for hosting and joining road trips
- ◇ Implemented map rendering, trip searching, and route storage in MongoDB

Professional Experience

Goldman Sachs

New York, NY

Software Engineer

Jun. 2017 – Present

Goldman Sachs

Jersey City, NJ

Technology Summer Analyst

Jun. 2016 – Aug. 2016

- ◇ Facilitated navigation of large datasets for data analysis by implementing a configurable web dashboard in Angular and TypeScript

Oil Price Information Service

Gaithersburg, MD

Software Development Intern (Captures Team)

May 2015 – Aug. 2015

- ◇ Designed data capturing utilities using C# and regular expressions for parsing billing documents and generating XML reports and summaries
- ◇ Halved engineer workload by creating modular Visual Studio code templates

Software Development Intern (Axxis Admin Team)

May 2014 – Aug. 2014

- ◇ Expanded the REST API and built new web services to simplify internal management of over 50 customer accounts using JavaScript, C#, and SQL

Department of Computer Science

Binghamton, NY

Webmaster

Jan. 2014 – May 2017

- ◇ Maintained the department website by updating faculty listings, rewriting page templates, modifying metadata, and posting student accomplishments
- ◇ Improved website rankings on search engines by designing and implementing strategies for search engine optimization