

Alan Plotko

alanplotko.com | me@alanplotko.com | github.com/alanplotko | linkedin.com/in/alanplotko

Education

Binghamton University

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

Technical Skills

Languages

JavaScript, TypeScript,
Java, Python, C#, C++, C

Databases

MongoDB, SQL

Frameworks

Angular, AngularJS, React Native,
React, Express, Flask

Technologies

Node.js, HTML, CSS, 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

Jersey City, NJ

Technology Summer Analyst

Jun. 2016 – Aug. 2016

- ◇ Facilitated navigating across large datasets by using TypeScript and AngularJS to develop a configurable dashboard for firm-wide use

Oil Price Information Service

Gaithersburg, MD

Software Development Intern (Captures Team)

May 2015 – Aug. 2015

- ◇ Reduced the workload for developers in future projects by half through building Visual Studio templates for modularizing code
- ◇ Automated data parsing for various document types by using C# and regular expressions to develop data capturing programs that generate XML reports

Software Development Intern (Axxis Admin Team)

May 2014 – Aug. 2014

- ◇ Simplified internal management of over 50 customer accounts in a web application by using JavaScript, C#, and SQL to build administrative modules
- ◇ Expanded the product's REST API by developing new web services to retrieve data from SQL databases for newly built features

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