

Alan Plotko

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Education

Binghamton University

B.S. Computer Science, May 2017

GPA: 3.54/4.00

Technical Skills

Languages

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

Databases

MongoDB, SQL

Frameworks

AngularJS, Express, Flask,
Bootstrap, ASP.NET

Technologies

Node.js, TypeScript, jQuery,
HTML, CSS, Git, SVN, TFS

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