Eric (John) Simerlink

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EDUCATION

The Ohio State University   *Graduation: May '18*
- B.S. in Computer Science w/ Minor in Business; Honors Program – **GPA: 3.6**
- Integrated Business and Engineering Honors Program – 1 of 20 accepted out of 80 engineering applicants

Walnut Hills High School – Class Rank: 1 out of 376; rated #1 public High School in Ohio   *Graduation: May '14*

WORK EXPERIENCE

GE Aviation – Cybersecurity Development Intern (Blue Ash, OH)   *May '16 – Aug '16*
- Our team developed software to track exploits / mitigate risk across all products in the air made by GE
- Codeveloped Python, JQuery, PostgreSQL risk management app with Airbus on an agile team
    - App used by GE Aviation, GE Power & Water, GE Transportation, and 2 companies in aviation industry
- Merged a year-long fork of a 25KLOC Python codebase without prior experience with the codebase or Python
- Performed Linux server administration and established Continuous Integration via Git hooks / Bash scripting
- 3rd Place out of 30 in a cybersecurity competition involving full-time employees and interns

WebPresented LLC – Part-Time Full Stack Development Intern (Columbus, OH)   *Aug '15 – Oct '16*
- Created 2 JavaScript + C# real-time apps using WebSockets and Vue.js. 15K corporate users.
- Fixed existing bugs / added new features using .NET, JQuery, SQL (MS SQL Server), MDX, Powershell
- Reduced code deployment/update process from 5+ minutes to 1 minute (per customer; 30 customers) using Git
- Found and resolved XSS exploits second week on the job

GE Aviation, Test Facility Engineering – Electrical Engineering Intern (Evendale, OH)   *May '15 – Aug '15*
- Configured a camera network for 4 buildings using Cisco switches & Pelco Linux server
- Facilitated bi-weekly meetings between engineers for $2m+ of PLC upgrades
- Fixed electrical/mechanical failures on a fuel rig and 4 gas heaters

GE Aviation, Supply Chain Assembly – Software Development Intern (Evendale, OH)   *May '14 – Aug '14*
- Eliminated 5 hrs/week of work for several engine assembly supervisors each by creating 4 VBA/Oracle SQL apps
- Created 2 apps for ~50 Aviation engine programs; Adopted by 10+ engine programs nationwide in 2 weeks

Full Stack Development Contracting   *Dec '14 – Dec '15*
- Fixdinc (Cincinnati, OH) – Created an MVP in Meteor.js for an "Uber for home repairs" startup.
- Quisper, LLC (Rockville, MD) – Developed a CMS using LAMP, JQuery, and AWS to interface with Quisper's API

"Super Smart Kids" Dev Shop – The INTERalliance of Greater Cincinnati – CIO (Cincinnati, OH)   *Mar '13 – Aug '13*
- Grew student run software dev shop from 5 to 25 high school / college developers in 3 months
- Supervised a record 12 projects; clients such as United Way Cincinnati; five-figure contracts

EXTRACURRICULAR ACTIVITIES

Collegiate Web Developers Group – President (Ohio State University)   *Apr '16 – Present*
- 30 active members; give talks on new technologies such as React.js; connect students with dev opportunities
- Help plan OHI/O hackathon – 700+ attendees; largest hackathon in Ohio

Hacker Heaven Competition – TechOlympics Cincinnati   *February '14- '17*
- Design/run a yearly cybersecurity challenge for 90 high school students: network sniffing, SQL injection, etc.

Solvit App – Algebra handwriting recognition app – Lead Developer   *Jan '15 – May '15*
- **2nd Place** out of 40, Ohio State Best of Student Startups Competition

1st Place out of 20**,** Technology Category **–** Startup Weekend Health Edition (Columbus, Oh)   *Nov '15*
3rd Place out of 30 – IdeaBox Competition, The Ohio State University (Columbus, OH)   *Apr '15*
1st Place out of 25 Teams, Calculus Division, University of Cincinnati Math Bowl   *Mar '14*

TECHNICAL SKILLS

- Proficient: NodeJS/Javascript/ES6, C#, C, Vue.js, Meteor.js, MongoDB, PHP, SQL (Oracle, MySQL, Postgres, Access, MS SQL Server), Bash, Git, Linux, HTML5/CSS3
- Experience in AWS, Python/Django, Java, .NET, C++, VBA, IA32, Machine Learning, TCP/IP, MATLAB, QT, R, PLC, Powershell