

# Kenneth R. Hwang

Mobile: (267) 795-8889, Email: ken.r.hwang@gmail.com, Git: <https://github.com/kennyhwang>

## OBJECTIVE

Versatile and detail-oriented full-stack programmer looking to engage in creative projects in an open and collaborative atmosphere. 5 years of experience developing computing solutions, designing applications, and end user consultation. Learns quickly through desire for challenge, interest in innovation, exploring different techniques, and persistence to improving workflow.

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## EDUCATION

**The Pennsylvania State University** – University Park, PA

GPA: 4.00, Certification, Computer Science and Information Technology

2013-2014

GPA: 3.83, M.S. Psychology, Neuroscience

2010-2013

**Case Western Reserve University** – Cleveland, OH

GPA: 3.45, B.A. Biology, Psychology; Minor: Mathematics

2006-2010

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## SKILLS

- Technical Languages: C#, VB, Javascript (ES6), Typescript (2.0), Java, Python, C++, Matlab
- Database/DAL: MSSQL, MongoDB, ORM (Dapper, Entity Framework, Mongoose)
- Platforms/Architectures: ASP .NET (MVC, Web API, Web Forms), IIS, ExpressJS, NodeJS
- Front-End Development: HTML5, CSS3, jQuery, Bootstrap, AngularJS (2.0), ReactJS
- Development Techniques: Agile, continuous integration, ER models, version control, responsive design, TDD
- Programming Knowledge: OOP, AJAX, JSON, LINQ, SignalR, regex, design patterns, DI/IOC, multithreading, pointers
- DevOps: Git, automated deployment, NuGet, NPM, NUnit

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## CERTIFICATIONS

- **Microsoft Specialist (480)**: Programming in HTML5 with JavaScript and CSS3 June 2016
- **Microsoft Specialist (486)**: Developing ASP.NET MVC Web Applications July 2016

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## WORK EXPERIENCE

**Cozen O'Connor** – Philadelphia, PA

**Developer (Consultant)**

May 2016-October 2016

- Built a web application management utility to better communicate with clients about legal matters
- Developed with a front-end framework Angular 2 throughout beta and after release
- Integrated Typescript with Visual Studio
- Worked with third-party identity provider services (Okta)

**College of the Liberal Arts** – University Park, PA

**Programmer/Analyst**

August 2014-April 2016

- Small team creating and maintaining informational systems for college-wide workflows, reporting, and intranet
- Addressing client needs through iterative requirements gathering meetings and demonstrations
- Individual and collaborative full stack .NET application development using ASP.NET frameworks
- Mentor and advisor for programming problems, technical design, developer tools, and best practices
- Used efficient development practices, such as continuous integration, version control, package management, collaborative tools

**Social, Life, and Engineering Sciences Imaging Center (SLEIC)** – University Park, PA

**Research Associate**

June 2012-August 2014

- Small team assisting research initiatives at the magnetic resonance imaging (MRI) facility
- Media presentation, I/O, and data processing for research paradigms (Java, Matlab, Visual Basic)
- UI development (Java, VB), statistics (Matlab, R, SPSS), and automation (Perl, shell scripting) for data analysis
- Reporting facility-use activity data (Google API) and data automation (Python) for MRI facility decision and operational tasks

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## SIDE PROJECTS

- Basic RSA encryption example: <https://github.com/kennyhwang/RSA>

- Personal website (Javascript stack): [www.kenrhwang.com](http://www.kenrhwang.com); <https://github.com/kennyhwang/my-site>