An exceptionally rough, 10,000-foot-view career development plan

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This is all very broad and based on pre-medical school/residency experiences, and I am aware that it needs some refining. I plan to tailor this as I gain more clinical experience.

Skills with which I am relatively comfortably with are in the circles; these could obviously be improved. Skills I need to develop are outside of the circle

To general plan is to become a pediatric neurologist and scientist **Genomics/Genetics** with expertise in both the -Genetic epidemiology epidemiology and treatment of single including study design gene epilepsies* - Analysis of microarrays and whole exome data AND with an advocacy-based research program dedicated to **improving the Epidemiology** experience of children with mild to -Theory severe **neurodevelopmental disorders** -Study design in schools. -Analysis (stats, R programing, bash, some python) **Epidemiology-** *to learn* Data warehousing Pharmacology/

Recruitment

Qualitative study design/analysis

Genomics/Genetics-to learn

- Wet lab techniques
- The latest and greatest in genomic technology and approaches

Advocacy / Educational

Research

biochemistry

It is important to me to use my knowledge to contribute to the overall well being of my patient population, and I think schooling is sometimes under investigated by physicians-scientists. Many of the "to learn" epi skills apply here, too

If I am interested in targeted therapies, it would make sense I gain some experience in this sphere. However, I don't even know what I don't know.

*also interested in speech and language development